Author Index

Volume 21, January–December 2001

Aalto-Setälä K, 578
Abu-Hayyeh S, 863
Abulencia JP, 149
Adams-Huet B, 2026
Adamson P, 810
Adelman DC, 759
Agrotis A, 208
Aiach M, 445
Akishita M, 1738
Akiyama Y, 1796
Ako J, 1738
Albani D, 1327
Albers JJ, 1320, 2099
Alberta MM, 1378
Alder A, 1921
Aleksic N, 611
Alexander RW, 489
Alhenc-Gelas M, 445
Alméras N, 961
Alpérovitch A, 136
Altavilla D, 1512
Amano J, 1172
Amarenco P, 1538
Amos C, 810
Anand SS, 1094
Andersen JJ, 1864
Anderson RA, 1029
Ando J, 785
Ando K, 1796
André J-M, 1962
André P, 407
Andrés V, 342
Andriambeloson E, 67
Andrian UH, 1531
Angelin B, 2039
Angelini GD, 1146
Angerer P, 262
Arad Y, 2051
Arcaro G, 1313
Arcoraci V, 1512
Ardans JA, 1265
Ares MPS, 1909
Argmann CA, 2011
Arnett DK, 1823
Arveiler D, 1538
Asai T, 765
Ashai K, 335
Asset G, 401
Assmann G, 13
Assouline L, 979
AtheroGene Group, 1668
Atkinson J, 1184
Atwood LD, 1823
Aubry M-L, 445
Audero E, 536
Auld GC, 1689
Ausoni S, 312
Austin RC, 1470
Autieri MV, 1421
Avades TY, 997
Aviram M, 122, 386, 1464
Axel DI, 47, 439
Azarbal B, 1544
Azumi H, 201, 1483

Badimon L, 214, 804
Bagi Z, 233
Bainton D, 603, 1340
Baker AH, 1275
Baker TA, 1017
Balis D, 2026
Ballard A, 1414
Baller JFW, 1366
Banai S, 1434
Barbaux SC, 1668
Bard JM, 407
Barker JE, 496
Barker S, 220
Barlow CB, 1662
Barolet AW, 1269
Baroukh N, 1023
Barrett PHR, 129
Barringhaus KG, 791
Bassus S, 1550
Basu S, 1477
Baugé E, 401
Baumgart D, 421
Bayes-Genis A, 335
Beck JD, 1816
Becker AE, 1208
Becker PL, 489
Beckman JA, 1618
Bekkers MEA, 943
Benetos A, 2046
Bennett MR, 1402
Bentzon J, 1470
Bergeron J, 961, 1226
Berk BC, 724
Berliner JA, 481, 1585
Bernar H, 1977
Bernard M, 1962
Bernier L, 825
Berthoux L, 752
Bertina RM, 731
Bessard G, 1751
Best PJM, 122
Bevers EM, 618
Beyens G, 844
Bianchi M, 1327
Bickel C, 1668
Bigaud M, 67
Bild DE, 852
Bishop GG, 791
Blachowicz L, 1011
Black E, 189
Blackburn R, 1962
Blankenberg S, 1668
Bluestone J, 1011
Blum A, 1265
Bobik A, 208, 1873
Bochaton-Piallat M-L, 949
Bode G, 427
Boers GHJ, 2080
Boerwinkle E, 275, 971
Bogaerts K, 844
Bogaty P, 961
Bogels M, 573
Boisvert WA, 1674
Bokemark L, 101
Bolton CH, 1340
Bonadonna RC, 1313
Bondjers G, 269
Bonora E, 1313
Booth NA, 1689
Borhani M, 1393
Bostom AG, 849
Botnar RM, 1556
Bots ML, 1233
Bouchard C, 1226
Bourbon M, 832
Bourcier T, 227
Boussard M-F, 1577
Bouter LM, 74
Bowyer DE, 1402
Boyle J, 923, 1402
Brady AR, 1203
Brand MP, 496
Bränén L, 1909
Brännström T, 1477
Bräsen JH, 1720
Braun-Dullaeus RC, 1152
Brecher P, 1915
Bremerich D, 1550
Brenner H, 427, 1701
Brenton DP, 2080
Brinton EA, 1707
Broeders MAW, 163
Broekman MJ, 178, 1251
Brooks RM II, 1281
Brown AJ, 585
Brown A-M, 1656, 1790
Brown BG, 1320, 1623, 2099
Brown NJ, 1071
Bruckert E, 1962
Brull DJ, 1458
Brun N, 979
Brunato B, 1313
Brunzell JD, 567, 2039
Bu D-X, 1909
Bucciarelli L, 905
Büchler C, 1004
Buckley JR, 1610
Buckley L, 255
Bujo H, 1501
Burke GL, 1955
Burton CA, 115
Busse R, 1550
Bussolino F, 536
Byberg L, 2086

Cabana V, 1011
Cabezas MC, 1526
Cadet F, 2051
Cai H, 1571
Caillaud J-M, 1023
Calafiore A, 1378
Caligiuri G, 108
Cambien F, 1538, 1668
Cancellieri F, 1512
Cannon RO III, 1265
Cantor RM, 838
Cao WM, 1592
Capani F, 1378
Caputo M, 1313
Carbone CM, 1421
Caron F, 1751
Carr AC, 1040
Carrier MJ, 1220
Carter KJ, 1790
Cary NR, 555
Cascone I, 536
Castellani LW, 481, 1870
Cataldegirmen G, 905
Catapano AL, 348
Catravas JD, 529
Cattaruzza M, 61
Cayatte AJ, 1577
Cazenave J-P, 459
Ceppi E, 1921
Cercek B, 1544
Cetrullo D, 1378
Chait A, 129, 1320, 2099
Chambless LE, 275
Chandraratna RAS, 746
Chang M-K, 1333
Channon KM, 189, 496
Chao Y-S, 115
Chapman J, 1353
Chapman MJ, 282, 1962
Chappell DA, 1809
Charles MA, 407
Cheema A, 1269
Chen D, 342
Chen H, 47
Chen PP, 1333
Chen R, 1065
Chen X, 1434
Chen XL, 1131
Chen Z, 372, 759
Cheng JJ, 1941
Cheung MC, 1320, 2099
Chiang K, 1681
Chiarelli F, 327
Chien S, 1159
Cho SK, 1770
Chorny M, 1434
Christiansen M, 335
Christy BA, 727
Chu Y, 238, 1281
Chun T-H, 560, 930
Cipollone F, 327, 1090
Clark KJ, 555
Clemetson KJ, 1857
Cleutjens JPM, 1998
Cleutjens KBJM, 1998
Clifton PM, 968
Clowes AW, 777, 949
Clowes MM, 949
Coady SA, 275
Cocchia D, 1118
Cocco C, 1313
Cohen RA, 1577, 1915
Cole SP, 991
Collen D, 844, 1440, 1604
Collet JP, 142
Collins AR, 365
Colman RW, 1427
Comfurius P, 618
Compton DS, 2032
Comuzzie AG, 1829
Conconi M, 1023
Conover CA, 335
Conradie MM, 1636
Consoli A, 1378
Conti P, 327
Conway EM, 1531
Cooley BC, 1531
Coon H, 1823, 1969

Author Index

Volume 21, January–December 2001

Aalto-Setälä K, 578
Abu-Hayyeh S, 863
Abulencia JP, 149
Adams-Huet B, 2026
Adamson P, 810
Adelman DC, 759
Agrotis A, 208
Aiach M, 445
Akishita M, 1738
Akiyama Y, 1796
Ako J, 1738
Albani D, 1327
Albers JJ, 1320, 2099
Alberta MM, 1378
Alder A, 1921
Aleksic N, 611
Alexander RW, 489
Alhenc-Gelas M, 445
Alméras N, 961
Alpérovitch A, 136
Altavilla D, 1512
Amano J, 1172
Amarenco P, 1538
Amos C, 810
Anand SS, 1094
Andersen JJ, 1864
Anderson RA, 1029
Ando J, 785
Ando K, 1796
André J-M, 1962
André P, 407
Andrés V, 342
Andriambeloson E, 67
Andrian UH, 1531
Angelin B, 2039
Angelini GD, 1146
Angerer P, 262
Arad Y, 2051
Arcaro G, 1313
Arcoraci V, 1512
Ardans JA, 1265
Ares MPS, 1909
Argmann CA, 2011
Arnett DK, 1823
Arveiler D, 1538
Asai T, 765
Ashai K, 335
Asset G, 401
Assmann G, 13
Assouline L, 979
AtheroGene Group, 1668
Atkinson J, 1184
Atwood LD, 1823
Aubry M-L, 445
Audero E, 536
Auld GC, 1689
Ausoni S, 312
Austin RC, 1470
Autieri MV, 1421
Avades TY, 997
Aviram M, 122, 386, 1464
Axel DI, 47, 439
Azarbal B, 1544
Azumi H, 201, 1483

Badimon L, 214, 804
Bagi Z, 233
Bainton D, 603, 1340
Baker AH, 1275
Baker TA, 1017
Balis D, 2026
Ballard A, 1414
Baller JFW, 1366
Banai S, 1434
Barbaux SC, 1668
Bard JM, 407
Barker JE, 496
Barker S, 220
Barlow CB, 1662
Barolet AW, 1269
Baroukh N, 1023
Barrett PHR, 129
Barringhaus KG, 791
Bassus S, 1550
Basu S, 1477
Baugé E, 401
Baumgart D, 421
Bayes-Genis A, 335
Beck JD, 1816
Becker AE, 1208
Becker PL, 489
Beckman JA, 1618
Bekkers MEA, 943
Benetos A, 2046
Bennett MR, 1402
Bentzon J, 1470
Bergeron J, 961, 1226
Berk BC, 724
Berliner JA, 481, 1585
Bernar H, 1977
Bernard M, 1962
Bernier L, 825
Berthoux L, 752
Bertina RM, 731
Bessard G, 1751
Best PJM, 122
Bevers EM, 618
Beyens G, 844
Bianchi M, 1327
Bickel C, 1668
Bigaud M, 67
Bild DE, 852
Bishop GG, 791
Blachowicz L, 1011
Black E, 189
Blackburn R, 1962
Blankenberg S, 1668
Bluestone J, 1011
Blum A, 1265
Bobik A, 208, 1873
Bochaton-Piallat M-L, 949
Bode G, 427
Boers GHJ, 2080
Boerwinkle E, 275, 971
Bogaerts K, 844
Bogaty P, 961
Bogels M, 573
Boisvert WA, 1674
Bokemark L, 101
Bolton CH, 1340
Bonadonna RC, 1313
Bondjers G, 269
Bonora E, 1313
Booth NA, 1689
Borhani M, 1393
Bostom AG, 849
Botnar RM, 1556
Bots ML, 1233
Bouchard C, 1226
Bourbon M, 832
Bourcier T, 227
Boussard M-F, 1577
Bouter LM, 74
Bowyer DE, 1402
Boyle J, 923, 1402
Brady AR, 1203
Brand MP, 496
Bränén L, 1909
Brännström T, 1477
Bräsen JH, 1720
Braun-Dullaeus RC, 1152
Brecher P, 1915
Bremerich D, 1550
Brenner H, 427, 1701
Brenton DP, 2080
Brinton EA, 1707
Broeders MAW, 163
Broekman MJ, 178, 1251
Brooks RM II, 1281
Brown AJ, 585
Brown A-M, 1656, 1790
Brown BG, 1320, 1623, 2099
Brown NJ, 1071
Bruckert E, 1962
Brull DJ, 1458
Brun N, 979
Brunato B, 1313
Brunzell JD, 567, 2039
Bu D-X, 1909
Bucciarelli L, 905
Büchler C, 1004
Buckley JR, 1610
Buckley L, 255
Bujo H, 1501
Burke GL, 1955
Burton CA, 115
Busse R, 1550
Bussolino F, 536
Byberg L, 2086

Cabana V, 1011
Cabezas MC, 1526
Cadet F, 2051
Cai H, 1571
Caillaud J-M, 1023
Calafiore A, 1378
Caligiuri G, 108
Cambien F, 1538, 1668
Cancellieri F, 1512
Cannon RO III, 1265
Cantor RM, 838
Cao WM, 1592
Capani F, 1378
Caputo M, 1313
Carbone CM, 1421
Caron F, 1751
Carr AC, 1040
Carrier MJ, 1220
Carter KJ, 1790
Cary NR, 555
Cascone I, 536
Castellani LW, 481, 1870
Cataldegirmen G, 905
Catapano AL, 348
Catravas JD, 529
Cattaruzza M, 61
Cayatte AJ, 1577
Cazenave J-P, 459
Ceppi E, 1921
Cercek B, 1544
Cetrullo D, 1378
Chait A, 129, 1320, 2099
Chambless LE, 275
Chandraratna RAS, 746
Chang M-K, 1333
Channon KM, 189, 496
Chao Y-S, 115
Chapman J, 1353
Chapman MJ, 282, 1962
Chappell DA, 1809
Charles MA, 407
Cheema A, 1269
Chen D, 342
Chen H, 47
Chen PP, 1333
Chen R, 1065
Chen X, 1434
Chen XL, 1131
Chen Z, 372, 759
Cheng JJ, 1941
Cheung MC, 1320, 2099
Chiang K, 1681
Chiarelli F, 327
Chien S, 1159
Cho SK, 1770
Chorny M, 1434
Christiansen M, 335
Christy BA, 727
Chu Y, 238, 1281
Chun T-H, 560, 930
Cipollone F, 327, 1090
Clark KJ, 555
Clemetson KJ, 1857
Cleutjens JPM, 1998
Cleutjens KBJM, 1998
Clifton PM, 968
Clowes AW, 777, 949
Clowes MM, 949
Coady SA, 275
Cocchia D, 1118
Cocco C, 1313
Cohen RA, 1577, 1915
Cole SP, 991
Collen D, 844, 1440, 1604
Collet JP, 142
Collins AR, 365
Colman RW, 1427
Comfurius P, 618
Compton DS, 2032
Comuzzie AG, 1829
Conconi M, 1023
Conover CA, 335
Conradie MM, 1636
Consoli A, 1378
Conti P, 327
Conway EM, 1531
Cooley BC, 1531
Coon H, 1823, 1969

Coppen SR, 355
Corrado F, 1512
Corsini A, 1118
Cosentino F, 496
Costantino JP, 255
Couillard C, 1226
Couper D, 1816
Couse TL, 378
Craddock AL, 2039
Creager MA, 1618
Cretti A, 1313
Croft KD, 585
Crossman DC, 1727
Crouse JR III, 1955
Cuccurullo F, 327
Cucinotta D, 1512
Cumberland DC, 1727
Cunliffe P, 1921
Curb JD, 1065
Curtiss LK, 1674
Cushman M, 255
Cybulsky MI, 238, 1662

Daemen MJAP, 1359, 1998
D'Agati V, 905
Dahlmans VEH, 1488
Dalen H, 1124
Dallongeville J, 401
Danenberg HD, 1434
Danielsen CC, 1470
D'Anna R, 1512
D'Annunzio E, 327
Danser AHJ, 911
Dansky HM, 1662
Darley-Usmar VM, 1846
Datson NA, 1984
Davenpeck KL, 739
David T, 1294
Davidson BL, 238
Davies GK, 1451
Davignon J, 825
Davis HR Jr, 2032
Davis ME, 1571
Davis RA, 887
Dawson PA, 2039
de Boer OJ, 1208
de Boer PAJ, 1208
de Bruin RJA, 911
De Caterina R, 227
de Jaegere P, 1383, 1526
de Leeuw HPJC, 899
De Leon H, 1948
de Muinck ED, 1359
de Roos NM, 1233
De Scheerder I, 1604
de Vos AM, 1934
de Wit E, 911, 1046
Deguchi H, 1857
Dekker JM, 74
Delsing DJM, 1630
Delvin EE, 979
Demer LL, 1565, 1770
Deridder E, 1977
Derkx FHM, 911
DeSouza CA, 82
Després J-P, 961, 1226
Detmers PA, 115
Devaraj S, 2026
Devereux RB, 1507
Devillier P, 1751
Dhamrait S, 1458
Dhore CR, 1998
Diamond SL, 2093
Dichek DA, 1777
Dickinson DA, 1846
Diczfalusy U, 1617
Dilley RJ, 208
Dinenno FA, 82
Diomede L, 1327
Doi K, 560, 930
Donath K, 1720
Donati MB, 1327
Donker AJM, 74
Doshi SN, 1196
Doucet C, 1353
Dove DE, 1790
Driscoll RM, 1777
Drosopoulos JHF, 178, 1251
Drummond GR, 1571
Duane WC, 2039
Dubey RK, 249, 1745
Ducimetière P, 136
Duez H, 1840
Duffy SJ, 1084
Duong CQ, 1004
Dupont E, 355
Duriez M, 1598
Durrington PN, 473, 1451
d'Uscio LV, 1017
Dusserre E, 1034
Dzau VJ, 1152

Eaton JW, 1124
Ebeling P, 1034
Eckel RH, 469, 2100
Eckfeldt JH, 1969
Edelstein C, 1238
Edwards JY, 2011
Egashira K, 1759, 1896
Egashira T, 985
Ehnholm C, 578
Eichinger S, 874
Eikenboom JCJ, 731
Elbaz A, 1538
Elosua R, 415
Elter JR, 1816
Elwood PC, 1340
Emeis JJ, 943
Emmerich J, 445
Engelhardt JF, 195
Engelmann B, 1695
Ennis TL, 1393
Epstein CJ, 1131
Erbel R, 421
Eriksson KF, 452
Eriksson P, 1834
Erkelens DW, 1526
Erkkilä L, 578
Erusalimsky JD, 220
Eschwege E, 407
Eskandarian MR, 1269
Espeland MA, 1955
Eto M, 1738
Eto Y, 548
Evans A, 1538

Fagerberg B, 101
Falk E, 858, 1470
Fan J, 88
Faraci FM, 523, 1281
Faraudo S, 214
Farndale RW, 618
Fatima S, 1408
Faure P, 1751
Faus SA, 817
Fazia M, 327
Fazio S, 1790
Febbraio M, 1301
Feijge MAH, 618
Fellin R, 1313
Fenchel M, 47
Fenton M, 220
Feoli-Fonseca JC, 979
Fernandez-Borja M, 899
Ferns GAA, 997
Ferran LJ Jr, 905
Ferrell RE, 971
Fierer J, 991
Finkelstein A, 1544
Fischer JW, 777, 949
Fishbein I, 1434
Fishbein MC, 1244
Fitzgerald PJ, 1383
Fogelman AM, 481, 542
Folsom AR, 275, 611, 852
Fontana L, 55
Forman HJ, 1846
Forte TM, 1040
Fowkes FGR, 1203
Francesconi A, 1118
Francis SE, 1727
Francomme C, 1668
Frank S, 433
Frants RR, 1984
Frati G, 1617
Frayn KN, 1520
Frechette EH, 1623
Fredrikson GN, 1909
Frei B, 1040
Freund M, 459
Frisina N, 1512
Frohlich J, 2100
Fröhlich K-U, 439
Fruchart JC, 401, 407
Fruscella P, 1327
Fry GL, 1809
Fuh G, 1934
Fujii S, 868
Fukuchi M, 1373
Fukunaga Y, 560, 930
Fukutomi T, 394
Funakoshi Y, 1759, 1764
Funke-Kaiser H, 1538
Furihata K, 1857
Fuster V, 1094
Fève J-M, 136

Gabbiani F, 949
Gabbiani G, 949
Gachet C, 459
Gagnon J, 1226
Gangopadhyay A, 542
Ganz J, 1618
Ganz P, 1618
Gao J, 1434
Gati I, 1434
Gaudio A, 1512
Gautier-Bertrand M, 1538
Gayle RB III, 178
Gayraud B, 1184
George SJ, 1146
Gerritsen ME, 1934
Gerszten RE, 1165
Gervois PP, 1840
Getz GS, 1011, 1254
Geusens PPM, 1998
Giagulli C, 55
Gibbons GF, 1656
Gijbels MJJ, 1488, 1984
Gillespie DG, 249, 1745
Gillijns H, 1604
Gimbrone MA Jr, 1165
Gimple LW, 791
Giral P, 1353, 1962
Girona J, 1023
Glass CK, 295
Goel MS, 2093
Goldwasser V, 1434
Golomb G, 1434
Gonbert S, 1353, 1962
Goodfellow J, 1196
Goova M, 905
Gopal R, 1636
Gordon S, 923
Görlach A, 1550
Gorny D, 1288
Gotoda T, 372
Goudriaan JR, 1488
Goukassian D, 342
Grabowski EF, 157
Grace AA, 555
Grafenhofer H, 874
Graier WF, 433
Greaves DR, 923
Green FR, 923
Greenwood J, 810
Grewal T, 825
Griendling KK, 489
Griesshammer M, 1701
Grijalva V, 542
Grip L, 1059
Grönemeyer D, 421
Grove JS, 1065
Grundfest WS, 1244
Guerci AD, 2051
Guérin M, 282
Guida KA, 1864
Gunn J, 1727
Gunnett CA, 1281
Guo Y-L, 1427
Guo ZM, 1131
Guyton JR, 884
Guzik TJ, 189
Gylling H, 1650

Hafner G, 1668
Hakala JK, 1053
Hakim A, 1751
Halimi S, 1751
Halkes CJM, 1526
Halleran S, 489
Halonen P, 1346
Halperin JL, 1094
Hama S, 481, 542, 1770
Hamakubo T, 917, 1801
Hamilton JA, 1556
Hamsten A, 108, 1834
Hansson GK, 108, 1876
Hanyuu M, 1796
Harada K, 372
Haramaki N, 1852
Haramaki R, 1852
Hardman AE, 1520
Hardy G, 1751
Harrison DG, 1571
Hashimoto M, 1738
Hashimoto N, 771, 955
Hassing H, 115
Hatsukami TS, 1623
Hattori H, 985
Hattori S, 1179
Hattori Y, 1179
Haubitz I, 289
Havekes LM, 1046, 1366, 1488, 1630, 1984
Havinga R, 1366
Hay C, 1948
Hayashi Y, 201, 1483
Hayashida K, 771, 955, 1796

Hayek T, 1464
Heales SJ, 496
Hecker M, 61
Hedblad B, 452
Heemskerk JWM, 618
Heeneman S, 1359
Heerkens E, 1921
Hegele RA, 2011
Heilbronn LK, 968
Heine RJ, 74
Heinecke JW, 1261
Heinrich R, 1464
Heiss G, 275, 1816, 1823, 1969
Heistad DD, 238, 293, 1281
Hendrickson SB, 1531
Henrion D, 1288, 1598
Henry OF, 2046
Herity NA, 1383
Herkert O, 1550
Hermanowski-Vosatka A, 115
Hernandez M, 115
Herrington DM, 1955
Herrmann S-M, 1538
Hesselbacher SE, 791
Hilenski L, 489
Hill E, 1451
Hinman J, 1238
Hinney K, 289
Hintze TH, 797
Hirano K, 1896
Hirano K-i, 985
Hirata K-i, 201, 1483
Hirata Y, 1733
Hirayama S, 1501
Hirsh J, 1094
Häkkinen T, 923
Hörkkö S, 1333
Ho CM, 1770
Ho Y-S, 1131
Hochleitner BW, 503
Hoefer D, 503
Hoffmeister A, 427, 1701
Hofker MH, 1984
Hofmann MA, 905
Hokanson JE, 1102
Holbrook M, 1084
Holmes DR Jr, 122, 335
Holt CM, 1727
Holvoet P, 844, 1977
Hombach V, 427
Honda HM, 1770
Honda K, 88
Hoos L, 2032
Hopkins PN, 1969
Hordijk PL, 899
Hornstra G, 1046
Hoshijima M, 548
Hosoda K, 930
Hough S, 1636
Houtkamp MA, 1208
Howard PM, 2080
Hoylaerts M, 1604
Hrzenjak A, 433
Hsiai TK, 1770
Hsueh WA, 365, 746, 1891
Hu Y, 1275
Huang ZH, 2019
Huff MW, 2011
Hui TY, 887
Hulley PA, 1636
Hulthe J, 101, 269
Humphreys SM, 1520
Humphries SE, 1458
Hurt-Camejo E, 269, 1053
Husemann J, 1301
Husslein P, 874

Ichiki T, 868, 1759, 1764, 1896
Iezzi A, 327
Iglarz M, 1598
Iguchi A, 765
Iijima K, 1738
Iino N, 868, 1759, 1764, 1896
Iizuka Y, 372
Ikeda H, 1852
Ikeda T, 930
Ikeda U, 1090
Ikewaki K, 1494
Ilic A, 874
Ilveskero S, 628
Imachi H, 1592
Imaizumi T, 1852
Ingle G, 1934
Inoue M, 560, 930
Inoue N, 201, 1483
Insull W Jr, 1563
Investigators of the NHLBI Family Heart Study, 1823
Isermann BH, 1531
Ishibashi S, 1, 372
Ishida T, 1592
Ishiguro H, 1790
Ishii H, 1165
Ishii I, 1501
Islam N, 178
Isner JM, 6
Isobe M, 1172
Ito M, 985
Ito S, 394
Itoh H, 201, 560, 930, 1483
Itoh M, 394
Iuliano L, 1617
Ivanov V, 2099
Izawa A, 1172
Izem L, 1642
Izumi A, 1801
Izumi T, 785

Jackson EK, 249, 1745
Jackson S, 365, 746
Jacques PF, 849
Jager A, 74
Jang Y, 2065
Janssens S, 1604
Janzon L, 452
Jauhiainen M, 578
Jennings GL, 208
Jeon C, 752
Jeremias A, 1383
Jialal I, 2026
Jiang B, 1915
Jie AFH, 943
Johnson JL, 1146
Johnstone MT, 1556
Jones E, 923
Jones KG, 863
Jones SP, 2059
Jong MC, 1488
Jormsjö S, 1834
Judge H, 1494
Juhan-Vague I, 407
Jukema JW, 1630
June HH, 1610
Juneja H, 611

Kahn SE, 567
Kaibuchi K, 548
Kaider A, 874
Kalinina N, 1873
Kamanna VS, 1783
Kamphuisen PW, 731
Kanaide H, 1896
Kanaki T, 1501
Kanaya S, 1852
Kanda S, 765
Kandabashi T, 548
Kang X-J, 1623
Kanwar JR, 1991
Kanwar RK, 1991
Kao C, 1662
Kapinsky M, 1004
Kaplan M, 386, 1464
Kardia SLR, 971
Kareinen A, 1346
Karhunen PJ, 1446
Karonen S-L, 1034
Karpe F, 1520
Karsch KR, 47, 439
Kasai K, 1179
Kasayama S, 243
Kashyap ML, 1783
Katan MB, 1233
Kataoka H, 771, 955, 1796
Katoh A, 1852
Katusic ZS, 195, 1017
Kaul S, 1544
Kawano H, 1078
Kawashima S, 201, 1483
Kayo T, 785
Keaney JF Jr, 1084, 1867
Kee F, 1538
Keidar S, 1464
Keller F, 289
Kerlin B, 1531
Khan BV, 1408
Kiefe C, 852
Kieffer P, 1184
Kim OY, 2065
Kim S, 746, 1738
Kim S-H, 2004
Kimura K, 1306
Kimura S, 1078
King A, 1727
Kinlay S, 1618
Kinoshita Y, 1306
Kinsella MG, 777
Kintscher U, 365, 746
Kirchmaier CM, 1550
Kishimoto T, 243
Kislinger T, 905
Kita T, 771, 955, 1796
Kitabatake A, 868
Kitamine T, 372
Kitamuro T, 1373
Kitslaar PJEHM, 1998
Kivelä A, 1720
Klein S, 1695
Klos KL, 971
Knight BL, 832
Ko Y-S, 355
Kobayashi M, 1801
Kobel T, 67
Kodama T, 917, 1301, 1592, 1801
Koenig W, 427, 1701
Koike T, 765
Koistinen HA, 1034
Koivisto VA, 1034
Koivula T, 1446
Kojima I, 785
Koller A, 233
Komaru T, 1373
Komeda, 930
Komeda M, 1796
Konstantopoulos K, 149
Kook H, 930
Koolwijk P, 433
Korsholm TL, 858
Kos S, 618
Koschachuhanan N, 1071
Kostense PJ, 74
Kostner GM, 433
Kothny W, 262
Kouhara H, 243
Koutsari C, 1520
Kovanen PT, 39, 516, 1053, 1902, 1928
Krag DN, 255
Kredan MB, 1196
Kreeft AJ, 1984
Kriener P, 421
Krissansen GW, 1991
Kronemann N, 1550
Kubo N, 1674
Kuipers F, 1366, 1840
Kujiraoka T, 985
Kuller LH, 1253
Kume N, 771, 955, 1796
Kunicki TJ, 1857
Kunieda Y, 1078
Kurabayashi M, 785
Kurz DJ, 220
Kuzuya M, 765
Kwak BR, 1256
Kwon B, 2004
Kwon BS, 2004

La Du BN, 467
La Fata V, 227
Laakso M, 1346
Laippala P, 1446
Laitinen K, 578
Lamarche B, 1226
Lamb DJ, 997
Lambert DL, 1727
Lambert M, 979
Lamping K, 523, 729
Lang D, 1196
Lartaud-Idjouadiene I, 1184
Lasco A, 1512
Lassel TS, 282
Lassila R, 628
Laudanna C, 55
Laufs U, 227
Laukkanen MO, 1477
Laurila A, 991
Lauth M, 61
Law RE, 365, 746, 1891
Lawler J, 47
Lawn RM, 378
Lazzerini G, 227
Le Flem L, 445
Le Goff W, 282
Le H-Y, 509
Leake DS, 594
Lechi A, 55, 1313
Lechner K, 874
Lee BB, 2004
Lee E, 1451
Lee JH, 2065
Lee JK, 1393
Lee PJ, 2080
Lee SY, 2065
Lee W-H, 2004
Lee Y, 2004
Lefer DJ, 2059
Lefvert AK, 108
Lehtimäki T, 1446
Lehto S, 1346

Leichtweis SB, 585
Leinonen M, 578
Leitinger N, 1585
Lemieux I, 961
Lentz SR, 1385
Leon AS, 1226
Leppert MF, 1969
Leray C, 459
Lerman A, 122
Lerman LO, 122
Leskinen M, 516, 1928
Lesty C, 142
Leszczynski D, 516
Levitzki A, 1434
Levkau B, 777
Levonen A-L, 1846
Lévy BI, 1288, 1598
Lévy E, 979
Lewis DA, 335
Lewis MJ, 1196
Leyen HE, 1152
Li B, 1934
Li F, 752
Li J, 1269
Li S, 321
Li W, 1124
Liang Y-Q, 1738
Liao H, 1159
Liao H-l, 1414
Liao JK, 227, 1712
Liau G, 1948
Liaugaudas G, 849
Libby P, 227
Liddiard K, 923
Lijnen HR, 1440
Lin C- Y, 2019
Lind P, 452
Linden J, 791
Linder R, 1059
Lindgärde F, 452
Lindner V, 1531
Lindstedt KA, 516, 1928
Linton MRF, 1790
Lithell H, 2086
Liu L, 1790
Lobe DR, 752
Lobstein V, 67
Lominska C, 1662
Loscalzo J, 1259
Losordo DW, 6
Loufrani L, 1288
Love MW, 2039
Lowe GDO, 603, 1458
Lowe LP, 852
Lox M, 1977
Lu D, 785
Lu Y, 905
Lucas AD, 923
Luft FC, 1720
Lukens J, 1011
Lund DD, 1281
Lund-Katz S, 1977
Luong L, 1458
Lupu F, 1440
Lüscher TF, 496
Lusis AJ, 481, 542, 1870
Lutgens E, 1359, 1998

Ma K-S, 1159
Maarek J-MI, 1244
Macdonald T, 791
Mach F, 1256
Mackness B, 473, 1451
Mackness MI, 473, 1451
Madamanchi NR, 321, 471
Maeda K, 765, 937
Mahaney MC, 1190
Maitland K, 1577
Major AS, 1790
Malik KU, 1408
Malik N, 1727
Maliszewski CR, 178
Mangan PR, 1265
Mann MJ, 1152
Mannhalter C, 874
Manning WJ, 1556
Mantilla CB, 1017
Manuel A, 863
Maranghi M, 1617
Maravilla KR, 1623
Marcovina S, 88
Marcu L, 1244
Marcus AJ, 178, 1251
Marini M, 327
Maritz FJ, 1636
Marklund SL, 1477
Marque V, 1184
Marrugat J, 415
Martin LJ, 1829
Martin R, 1585
Martínez-González J, 804
Maruyama T, 985
März W, 427
Masashi, 930
Masatsugu K, 560, 930
Mashiba S, 1801
Masuda H, 785, 1078, 1139
Masuyama Y, 1306
Mataki C, 917
Materazzo G, 327
Matrougui K, 1288
Matsumoto Y, 548
Matsumura ME, 752
Matsushima K, 1585
Matsuzawa Y, 985
Mattila KM, 1446
Mauriello SM, 1816
Mayer P, 439
Mazzone T, 2019
McBurnie MA, 1955
McCall MR, 1040
McCarty OJT, 149
McDowell IFW, 1196
McGeer EG, 1214
McGeer PL, 1214
McGillicuddy CJ, 1220
McNamara CA, 752
McPherson JA, 791
Meaume S, 2046
Medh JD, 1809
Meehan WP, 365
Meh DA, 1531
Meilhac O, 1681
Mele J, 1131
Mennen L, 445
Mensenkamp AR, 1366
Mensink RP, 1046
Merat S, 991
Meri S, 838
Mero-Matikainen N, 838
Mertens A, 844, 1977
Metcalfe JC, 555
Meyer J, 1668
Mezzetti A, 327, 1090
Mi Z, 249
Miano JM, 724
Michel J-B, 1389
Micheletta F, 1617
Micko C, 1948
Miettinen TA, 1650
Miida T, 1501
Mikkelsson J, 1446
Miller FJ Jr, 722
Miller NE, 1340
Millonig G, 503
Minami M, 771, 937, 955, 1796
Minegishi N, 917
Minuz P, 55
Mishal Z, 142
Mitchell BD, 1190
Miyamoto S, 771, 955
Miyata K, 548
Moat SJ, 1196
Moellering DR, 1846
Moen CJA, 1984
Moerman E, 1434
Moffat B, 1934
Möhlenkamp S, 421
Møller J, 1470
Monahan KD, 82
Monauni T, 1313
Montalescot G, 142
Montgomery HE, 1458
Moorman AFM, 1208
Morabito N, 1512
Morel S, 1751
Mori TA, 585
Morimoto M, 771, 955
Morishige K, 548
Morris RE, 1152
Morrisett JD, 1563
Morrison C, 1538
Morton RE, 1642
Mosesson MW, 1531
Mousa SA, 149
Muggeo M, 1313
Mulcahy RT, 1846
Muls E, 844
Mundt S, 115
Murao K, 1592
Murohara T, 1852
Murphey LJ, 1071
Myers RH, 1823, 1969

Nadeau A, 961
Nagai R, 372, 1733
Nagano K, 1738
Nagano M, 985
Nagata I, 1796
Nagpal S, 746
Nakagawa K, 1078
Nakagawa M, 1078
Nakajima K, 1238
Nakajima N, 985
Nakamura A, 1801
Nakano T, 1592
Nakao K, 560, 930
Nakaoka T, 1738
Nakayama M, 1373
Naoumova RP, 832
Nash GB, 1294
Natarajan MK, 1269
Natarajan R, 1408
Nath KA, 122
Nauck MA, 427
Naughten ER, 2080
Navab M, 481, 542, 1770
Neefjes J, 899
Negishi M, 785
Neish AS, 227
Netke S, 2099
Neuwirth CKY, 832
Newby AC, 1275
Newcombe RG, 1196
Newstein D, 2051
Ng C, 542
Nicaud V, 1538, 1668
Nickel M, 1977
Niculescu R, 739
Niederegger H, 503
Niedzwiecki A, 2099
Niemann-Jönsson A, 1909
Niemi M, 1720
Niessen HWM, 573
Nijpels G, 74
Niki E, 1801
Nili N, 1269
Nilsson AH, 1909
Nilsson J, 1387, 1909
Ninio E, 1977
Nishimura H, 1078
Nishio I, 1306
Noakes M, 968
Nobuyoshi M, 1796
Nofer J-R, 13
Noguchi N, 1801
Noh G, 365
Nong Z, 1604
Norata GD, 348
Numano F, 1165
Nunes V, 1642
Nuotio I, 838

Oberman A, 1969
O'Blenes S, 1269
Obonyo M, 991
O'Brien T, 195
Obstfeld A, 1301
Ochoa A, 1023
Offenbacher S, 1816
Ogawa Y, 930
Ohanian J, 1921
Ohanian V, 1921
Ohashi K, 372, 509
Ohashi Y, 201
Ohike Y, 1738
Okazaki H, 372
Okazaki M, 394
Okuda M, 1483
Oldgren J, 1059
Olin KL, 129
Oliver-Krasinski J, 1577
Olson K, 905
Onai N, 1585
O'Neill FH, 832
Öörni K, 1053, 1902
Oram JF, 2019
Orkin RW, 157
Orlandi A, 1118
Ormrod DJ, 1991
Orzechowski H-D, 1538
Ostos MA, 1023
Osuga J-i, 372
Otsuki M, 243
Ouchi Y, 1733, 1738
oude Egbrink MGA, 163
Overgaard MT, 335
Oxvig C, 335
Ozaki M, 201

Pabinger I, 874
Pagano PJ, 175
Pajukanta P, 838
Palinski W, 3, 95, 365, 991, 1333
Pally C, 67
Paloscia L, 327
Pan L, 509
Pandolfi A, 1378

Park E, 611
Park HY, 2065
Park J-E, 2004
Parthasarathy S, 1681
Pascot A, 961
Pasterkamp G, 1383
Patel DD, 832
Patel S, 115, 739
Paterniti S, 136
Patsch W, 275
Patterson C, 321, 471
Patterson CC, 1340
Patterson RA, 594
Paul M, 1538
Peacock JM, 1823, 1969
Pearson JD, 810
Peeters K, 1977
Pellegrini G, 1378
Pellens M, 1604
Pentikäinen MO, 1053, 1902
Penttilä A, 1446
Penttilä I, 578
Peoc'h M, 1751
Pepper MS, 1104
Perez AS, 1556
Perola M, 1446
Perrey S, 372
Persson K, 427
Peters E, 433
Peterson L, 115
Peterson TE, 122
Pettersson K, 585
Petteruti PG, 157
Pfaffinger D, 1238
Phillips MC, 1977
Pickering JG, 40
Pickering TG, 1507
Pini B, 327
Pini R, 1507
Pinsky DJ, 178
Pirillo A, 348
Pischetsrieder M, 905
Piva R, 536
Plat J, 1046
Plokker HWM, 1526
Plymire D, 149
Poch E, 342
Polishuck R, 1378
Pöllänen PJ, 1446
Pörn-Ares I, 1909
Post MJ, 1531
Post SM, 1840
Potter-Perigo S, 129
Powell JT, 863, 1203
Powers ER, 791
Prescott MF, 1948
Previtali SC, 536
Price PA, 817, 1610
Priceputu E, 825
Princen HMG, 1046, 1630, 1840
Province MA, 1823, 1969
Prud'homme D, 961
Pump H, 421
Puolakkainen M, 39, 578
Puppels GJ, 1630
Purnell JQ, 567

Qu W, 905
Quarck R, 1977
Quehenberger P, 874
Quinn CM, 923
Quintão E, 1642
Quist WC, 1556

Rabenstein B, 439
Rabinovitch M, 1269
Rabl W, 503
Rader DJ, 1097
Rainwater DL, 1190, 1829
Rajaratnam RA, 1650
Ramachandran S, 1681
Ramirez F, 1184
Ramos MA, 765
Rao DC, 1226
Raposo B, 804
Rath M, 2099
Rauwerda JA, 573, 2072
Ravn HB, 858, 1470
Reale M, 327
Reardon CA, 1011
Redard M, 949
Reddy MA, 1408
Reddy S, 481, 542, 1585, 1770
Reininger AJ, 157
Reits EAJ, 899
Remmen HV, 1131
Reneman RS, 163
Reudelhuber TL, 911
Ribalta J, 1023
Rich SS, 1823
Richardson A, 1131
Rieger JM, 791
Riessen R, 47
Rijken DC, 943
Riley WA, 1955
Rissanen TT, 1720
Ritchie H, 1689
Robbie LA, 1689
Roberts C, 1451
Roberts DH, 1451
Roberts JD, 255
Robertson J, 1955
Robinson K, 1948
Robinson R, 1269
Robson SC, 1251
Rocnik E, 40
Rodríguez C, 804
Rodríguez-Campos A, 214
Rodriguez BL, 1065
Rogers C, 759
Roland A, 594
Roman MJ, 1507
Romani N, 503
Römer TJ, 1630
Romero IA, 810
Roomi W, 2099
Rosa R, 115
Rosenberg IH, 849
Rosenzweig A, 1165
Röser K, 1720
Roth M, 2051
Rothe G, 1004
Rothenbacher D, 427, 1701
Rothery S, 355
Rousell J, 810
Rudnichi A, 2046
Ruiz-Enríquez P, 214
Rukshin V, 1544
Rumberger J, 852
Rumley A, 603, 1458
Runge MS, 321, 471
Rupin A, 1577
Rupprecht HJ, 1668

Sacks FM, 1494
Safar M, 407, 2046
Sagehashi Y, 985
Saikku P, 578
Saint-Jore B, 1353
Saito H, 243
Saito T, 560, 930
Saito Y, 1501
Saitta A, 1512
Sakaguchi S, 560
Sakai N, 985
Sakai T, 1783
Sakharov DV, 943
Salmona M, 1327
Salomaa V, 611
Sanders J, 1458
Sanders JM, 791
Sansilvestri-Morel P, 1577
Santanam N, 1681
Sarembock IJ, 791
Saris JJ, 911
Sartore S, 312
Sarvas M, 39
Sasaguri Y, 1592
Sasaki T, 785
Sata M, 1733
Sato K-i, 1373
Sato M, 1592
Saucan L, 1707
Sawada N, 560, 930
Sawada T, 1165
Sawada Y, 785
Saward L, 40
Sawyez CG, 2011
Scanu AM, 1238
Scarabin P-Y, 445
Schalekamp MADH, 911
Schambeck CM, 289
Schiffer D, 536
Schiller NK, 1674
Schini-Kerth VB, 1550
Schmermund A, 421
Schmidt AM, 297, 905
Schmidt-Petersen K, 1538
Schmitt P, 262
Schmitz G, 1004
Schneider DB, 1777
Schneider WJ, 1501
Schraa EO, 67
Schulter V, 433
Schültze C, 810
Schut TCB, 1630
Schwab C, 1214
Schwartz JE, 1507
Schwartz RS, 335, 567
Seals DR, 82
Seay U, 1152
Seibel R, 421
Selhub J, 849
Senaratne J, 923
Seno T, 1483
Sentí M, 415
Sentman M-L, 1477
Serruys PW, 1383
Seto M, 509
Severs NJ, 355
Shah PK, 1544
Shanahan C, 923
Sharrett AR, 275
Shaw PX, 1333
Shechter M, 1544
Shepherd L, 1727
Shi C, 759
Shi W, 481
Shi Y, 739
Shibahara S, 1373
Shibuya M, 765
Shih D, 481, 542
Shimada K, 1090
Shimano H, 372
Shimaoka T, 1796
Shimokawa H, 548, 868, 1759, 1896
Shimoyamada H, 88
Shintani S, 1852
Shioiri H, 1373
Shionoiri F, 372
Shiota N, 1928
Shirato K, 1373
Shitara K, 765
Sho E, 1139
Sho M, 1139
Shworak NW, 1531
Shyue S-K, 1941
Shyy JY-J, 1159
Sian M, 863
Sidney S, 852
Sieck GC, 1017
Siegbahn A, 1059
Sigmund CD, 1809
Sikes JL, 1662
Silence J, 1440
Siljander P, 618, 628
Silverman GJ, 1333
Silverstein SC, 1301
Silvestre J-S, 1598
Simari RD, 122
Simon DI, 759
Sing CF, 971
Singh TM, 1139
Skilbeck C, 1294
Skinner JS, 1226
Slaaf DW, 163
Sluiter W, 911
Smedman A, 2086
Smith JD, 1662, 1710
Smith L, 1017
Smits P, 1383
Snead C, 529
Sniderman A, 2100
Sobey CG, 28
Solini A, 1313
Sone M, 560, 930
Song H, 2004
Song K, 255
Soria C, 142
Soria J, 142
Sottocorno M, 1327
Soutar AK, 832
Spagnoli LG, 1118
Spannagl M, 1695
Sparkes J, 1269
Sparrow CP, 115
Spronk HMH, 1998
Spyridopoulos I, 439
Squadrito F, 1512
Squadrito G, 1512
Srikuma N, 1071
Stabile E, 1604
Staels B, 1840
Stanke-Labesque F, 1751
Stavenow L, 452
Stegner JE, 1029
Stehouwer CDA, 74, 573, 2072
Stein DT, 2026
Stein O, 183
Stein Y, 183
Steiner G, 282
Stemerman MB, 1159, 1414
Stemme S, 1099
Stengel D, 1977
Stern DM, 297, 905
Stewart R, 1556
Steyn M, 2072
Stocker R, 585
Störk S, 262

Stouffer GA, 471
Strauss BH, 1269
Su YR, 1790
Subbanagounder G, 481
Sudoh N, 1738
Suematsu M, 1373
Sugano T, 1078
Sugiura S, 1733
Sugiyama A, 1801
Sullivan G, 791
Sumi Y, 1483
Sumitani S, 243
Sun H, 88
Suzuki J-i, 1172
Sweetnam PM, 603, 1340
Swerdloff PL, 1084
Szollár L, 233

Tacken PJ, 1488
Tada T, 394
Taguchi A, 905
Taira K, 1501
Takahara J, 1592
Takahashi K, 1373, 1501
Takahashi W, 1172
Takajo Y, 1852
Takeda K, 868, 1759, 1764, 1896
Takemoto M, 1712
Takeshita A, 548, 868, 1759, 1764, 1896
Takeuchi K, 509
Takeuchi T, 785
Takeya M, 1801
Taleghani BM, 289
Tamminen M, 578
Tamura Y, 372
Tanaka H, 82
Tanaka T, 560
Tangelder G-J, 163
Tanji N, 905
Tankó LB, 1288
Taskinen M-R, 838
Taylor GW, 832
Tedgui A, 1288
Tetzloff G, 2032
Teusink B, 1366
Theilmeier G, 1977
Thillet J, 1353
Thomas D, 142
Thomas HF, 1340
Thomas MJ, 1029
Thomas SR, 585
Thompson GR, 832
Thompson PD, 1097
Thompson RW, 1393
Thompson SG, 1203
Tien N, 149
Tippins JR, 496
Tiret L, 1668
Toba K, 1738
Tokunou T, 868, 1759, 1764, 1896
Tomás M, 415
Tomimoto S, 394
Tomiyasu K, 1494
Tordoir JHM, 1998
Torzewski M, 1004
Touboul P-J, 136
Tracy RP, 255, 881, 1065
Tran Q-K, 509
Trocha SD, 2059
Tsang VT, 1544
Tsao PS, 208
Tsimikas S, 95, 1333
Tsuda K, 1306
Tsuji H, 1078
Tsujita M, 394
Tsukurov O, 157
Turkie W, 1451
Turner ST, 971
Turpin G, 1962
Twisk JWR, 2072
Tyson K, 923

Uchida K, 1801
Ueda M, 930
Ueno Y, 771
Ueyama K, 930
Ukimura N, 1078
Ulfman LH, 1531
Umetani M, 917
Ungvari Z, 233
Upchurch GR Jr, 1393
Ureña J, 342
Ushio-Fukai M, 489
Usui S, 394

Vague P, 407
Vakkilainen J, 838
Vallier P, 1034
van de Poll SWE, 1630
Van de Werf F, 844
Van Den Diepstraten CH, 2011
van den Eijnden MMED, 911
van der Boom H, 1046
van der Helm Y, 1526
van der Laarse A, 1630
van der Loos CM, 1208
van der Wal AC, 1208
van Dijk H, 1526
van Dijk KW, 1366, 1488
van Dijk RAJM, 2072
van Duyvenvoorde W, 1046
van Eys GJJM, 1146
van Hinsbergh VWM, 300, 433, 573, 719
Van Lenten BJ, 481
van Mourik JA, 899
van Nieuw Amerongen GP, 300
Van Pelt N, 1604
Van Tol A, 282
VandeBerg JF, 1190
VanderWerken BS, 1029
Varenne O, 1604
Vaughan DE, 1071
Vehmaan-Kreula P, 39
Verbeuren TJ, 1577
Vergnes L, 1023
Verhaeghe R, 844
Verhamme P, 844, 1977
Vermeer C, 1998
Vermeersch P, 1604
Vermeulen EGJ, 573
Verna LK, 1159, 1414
Vessby B, 2086
Vidal H, 1034
Viitanen L, 1346
Vijg J, 1131
Violi F, 1617
Vita JA, 1084, 1867
Vitacolonna E, 1378
Véniant MM, 1567
Volger OL, 1046, 1630
Volpe M, 496
von Eckardstein A, 13
von Schacky C, 262
Voorberg J, 899
Vora DK, 481, 1585
Vreugdenhil E, 1984

Wada Y, 1801
Wade DP, 378
Wadleigh DJ, 542
Wahl LM, 1265
Wahler D, 289
Wakino S, 365, 746
Walker PG, 1294
Wallentin L, 1059
Walsh BW, 1494
Walter DH, 1834
Walter JH, 2080
Wang D, 739, 1991
Wang DL, 1941
Wang N, 1159, 1414
Wang P-R, 115
Wang S, 1427
Wang XL, 1190
Wang Y, 516, 1011, 1928
Ward MR, 208, 1383
Watanabe H, 509
Watanabe T, 88, 1738
Watson AD, 481
Wei B, 752
Weiler D, 1017
Weiler H, 1531
Weinberg PD, 1220
Weinberg RB, 1029
Weinsaft J, 1662
Weiss RM, 1561
Weissberg PL, 923, 1402
Weitz JI, 1531
Welgus HG, 39
Welty FK, 1864
Wen S, 1777
Wendt T, 905
Werner ER, 496
West N, 189, 496
Westerlund S, 1477
Westfall AO, 852
Westwood SM, 1294
Whatling C, 1834
White T, 1011
Wick G, 503
Wientroub S, 1265
Wierzbicki M, 1577
Wiesel M-L, 459
Wight TN, 129, 777
Wijers-Koster PM, 899
Wiklund O, 269
Wilcken B, 2080
Wilcken DEL, 2080
Wilcox JN, 378
Williams GH, 1071
Williamson MK, 817, 1610
Wilmore JH, 1226
Wilson K, 1809
Wilson SH, 122
Wischhusen J, 439
Wit TR, 899
Withycombe S, 1567
Witztum JL, 95, 991, 1333
Wolfe BM, 2011
Wolters H, 1366
Wong NCW, 1592
Woodburn KW, 759
Wright SD, 115
Wu KK, 611
Wung BS, 1941

Xin X, 1934
Xu C, 1139
Xu Q, 1275
Xu X, 243

Yahagi N, 372
Yamada N, 372
Yamaguchi T, 1373
Yamahara K, 560, 930
Yamamoto M, 917
Yamashita J, 930
Yamashita N, 1738
Yamashita S, 985
Yamashita T, 201
Yamazaki H, 1501
Yamshita J, 560
Yan Z-Q, 1909
Yang H, 1131
Yang S, 1934
Yano K, 1065
Yano S, 1078
Yap S, 2080
Yarnell JWG, 603, 1340
Yasojima K, 1214
Yasukochi Y, 1165
Yasunari K, 937
Yeh M, 1585
Yeung AC, 1383
Yin F, 746
Ylä-Herttuala S, 923, 1477, 1720
Ylitalo K, 838
Yodoi J, 1483
Yokoyama M, 201, 1483
Yokoyama S, 394
Yonehara S, 1796
Yoshida M, 1165
Yoshikawa J, 937
Yoshizumi M, 1078, 1733, 1738
Young SG, 1567
Yuan C, 1623
Yuan X-M, 1124
Yurugi T, 560

Zacharia LC, 1745
Zakin MM, 1023
Zalewski A, 739
Zanelli T, 348
Zanetti M, 195
Zanon I, 536
Zarins CK, 1139
Zeiher AM, 1834
Zerwes H-G, 67
Zhang D, 115
Zhang H, 529
Zhang L, 1152
Zhang X, 797
Zhang Y-Q, 785
Zhao X-Q, 1320, 1623, 2099
Zheng Z-J, 852
Zhou J, 1470
Zhou X, 108
Zhu Y, 1159, 1414
Zlot C, 1934
Zou Y, 1275
Zureik M, 136
Zwacka RM, 195

Subject Index

Volume 21, January–December 2001

A

ABC transporter
High Density Lipoproteins and Arteriosclerosis: Role of Cholesterol Efflux and Reverse Cholesterol Transport, 13

ABCA1
Localization of Human ATP-Binding Cassette Transporter 1 (ABC1) in Normal and Atherosclerotic Tissues, 378
Sterol Efflux Mediated by Endogenous Macrophage ApoE Expression Is Independent of ABCA1, 2019

Abdominal aortic aneurysm
Experimental Abdominal Aortic Aneurysms in Mice Lacking Expression of Inducible Nitric Oxide Synthase, 1393

ACE/angiotensin receptors
ACE Genotype and Endothelium-Dependent Vasodilation of Conduit Arteries and Forearm Microcirculation in Humans, 1313

Acetylcholine
NO-Dependent Vasorelaxation Is Impaired After Gene Transfer of Inducible NO Synthase, 1281
Role of Sex Differences and Effects of Endothelial NO Synthase Deficiency in Responses of Carotid Arteries to Serotonin, 523

Actin filament network
Involvement of Rho-Kinase and the Actin Filament Network in Angiotensin II-Induced Contraction and Extracellular Signal-Regulated Kinase Activity in Intact Rat Mesenteric Resistance Arteries, 1288

Acylation stimulating protein (ASP)
Plasma Acylation Stimulating Protein Concentration and Subcutaneous Adipose Tissue C3 mRNA Expression in Nondiabetic and Type 2 Diabetic Men, 1034
Serum C3 but Not Plasma Acylation-Stimulating Protein Is Elevated in Finnish Patients With Familial Combined Hyperlipidemia, 838

Adenosine
Adenosine A_{2A} Receptor Stimulation Reduces Inflammation and Neointimal Growth in a Murine Carotid Ligation Model, 791

Adenosine deaminase
Dysregulation of Extracellular Adenosine Levels by Vascular Smooth Muscle Cells From Spontaneously Hypertensive Rats, 249

Adenosine kinase
Dysregulation of Extracellular Adenosine Levels by Vascular Smooth Muscle Cells From Spontaneously Hypertensive Rats, 249

Adenovirus
C-Type Natriuretic Peptide Induces Redifferentiation of Vascular Smooth Muscle Cells With Accelerated Reendothelialization, 930
Inclusion of the E3 Region in an Adenoviral Vector Decreases Inflammation and Neointima Formation After Arterial Gene Transfer, 1777
NO-Dependent Vasorelaxation Is Impaired After Gene Transfer of Inducible NO Synthase, 1281
Superoxide Anions and Endothelial Cell Proliferation in Normoglycemia and Hyperglycemia, 195

Adenovirus-mediated gene transfer
Vascular Cell Adhesion Molecule-1 Augments Adenovirus-Mediated Gene Transfer, 238

Adhesion
Comparative Antiplatelet Efficacy of a Novel, Nonpeptide GPIIb/IIIa Antagonist (XV454) and Abciximab (c7E3) in Flow Models of Thrombosis, 149
8-Iso-$PGF_{2\alpha}$ Induces β_2-Integrin-Mediated Rapid Adhesion of Human Polymorphonuclear Neutrophils: A Link Between Oxidative Stress and Ischemia/Reperfusion Injury, 55
Platelet Adhesion Enhances the Glycoprotein VI-Dependent Procoagulant Response: Involvement of p38 MAP Kinase and Calpain, 618
Population of the Vessel Wall by Leukocytes Binding to P-Selectin in a Model of Disturbed Arterial Flow, 1294

Adhesion molecules
Adenovirus-Mediated Overexpression of Dominant-Negative Mutant of c-Jun Prevents Intercellular Adhesion Molecule-1 Induction by LDL: A Critical Role for Activator Protein-1 in Endothelial Activation, 1414
HMG-CoA Reductase Inhibitor Modulates Monocyte-Endothelial Cell Interaction Under Physiological Flow Conditions In Vitro: Involvement of Rho GTPase-Dependent Mechanism, 1165
Induction of Endothelial-Leukocyte Interaction by Interferon-γ Requires Coactivation of Nuclear Factor-κB, 227
S17834, a New Inhibitor of Cell Adhesion and Atherosclerosis That Targets NADPH Oxidase, 1577

Adrenomedullin
Adrenomedullin Inhibits Angiotensin II-Induced Expression of Tissue Factor and Plasminogen Activator Inhibitor-1 in Cultured Rat Aortic Endothelial Cells, 1078

Adventitial fibroblast
Adventitial Fibroblasts: Backstage Journeymen, 722
Increased NAD(P)H Oxidase and Reactive Oxygen Species in Coronary Arteries After Balloon Injury, 739

AG-490
Reactive Oxygen Species Regulate Heat-Shock Protein 70 via the JAK/STAT Pathway, 321

Aggregation
Comparative Antiplatelet Efficacy of a Novel, Nonpeptide GPIIb/IIIa Antagonist (XV454) and Abciximab (c7E3) in Flow Models of Thrombosis, 149

AHA Scientific Statement
Mechanism of Action and Pharmacology of Unfractionated Heparin, 1094

Akt/protein kinase B
Phosphatidylinositol 3-OH Kinase-Akt/Protein Kinase B Pathway Mediates Gas6 Induction of Scavenger Receptor A in Immortalized Human Vascular Smooth Muscle Cell Line, 1592

Alendronate
Bisphosphonates Alendronate and Ibandronate Inhibit Artery Calcification at Doses Comparable to Those That Inhibit Bone Resorption, 817

All-*trans* retinoic acid
Phenotypic Heterogeneity Influences Apoptotic Susceptibility to Retinoic Acid and *cis*-Platinum of Rat Arterial Smooth Muscle Cells In Vitro: Implications for the Evolution of Experimental Intimal Thickening, 1118

Allelic variations
Determinants of Lipid Level Variability in French-Canadian Children With Familial Hypercholesterolemia, 979

Allograft inflammatory factor-1
Overexpression of Allograft Inflammatory Factor-1 Promotes Proliferation of Vascular Smooth Muscle Cells by Cell Cycle Deregulation, 1421

Alternative splicing
A Role for an Alternatively Spliced Id3 Isoform in Vascular Lesions? 727
Vascular Injury Induces Posttranscriptional Regulation of the Id3 Gene: Cloning of a Novel Id3 Isoform Expressed During Vascular Lesion Formation in Rat and Human Atherosclerosis, 752

Aneurysm
Aortic Aneurysm Diameter and Risk of Cardiovascular Mortality, 1203
Aortic Wall Mechanics and Composition in a Transgenic Mouse Model of Marfan Syndrome, 1184
Cadmium Accumulation in Aortas of Smokers, 863
Persistence of Atherosclerotic Plaque but Reduced Aneurysm Formation in Mice With Stromelysin-1 (MMP-3) Gene Inactivation, 1440

Angiogenesis
Chronic Blockade of Endothelin Receptors Improves Ischemia-Induced Angiogenesis in Rat Hindlimbs Through Activation of Vascular Endothelial Growth Factor-NO Pathway, 1598
Estrogen and Angiogenesis: A Review, 6
Expression of Angiopoietin-1 in Human Glioblastomas Regulates Tumor-Induced Angiogenesis: In Vivo and In Vitro Studies, 536

Kininostatin, an Angiogenic Inhibitor, Inhibits Proliferation and Induces Apoptosis of Human Endothelial Cells, 1427
Thrombin Causes Vascular Endothelial Growth Factor Expression in Vascular Smooth Muscle Cells: Role of Reactive Oxygen Species, 1550
Thrombomodulin Promoter Mutations, Venous Thrombosis, and Varicose Veins, 445
Vascular Endothelial Cell Growth Factor-Driven Endothelial Tube Formation Is Mediated by Vascular Endothelial Cell Growth Factor Receptor-2, a Kinase Insert Domain-Containing Receptor, 1934

Angioplasty
Arterial Elastase Activity After Balloon Angioplasty and Effects of Elafin, an Elastase Inhibitor, 1269
Elevated Circulating Levels of Monocyte Chemoattractant Protein-1 in Patients With Restenosis After Coronary Angioplasty, 327
Localization of c-Myb and Induction of Apoptosis by Antisense Oligonucleotide c-*myb* After Angioplasty of Porcine Coronary Arteries, 1727
Low Blood Flow After Angioplasty Augments Mechanisms of Restenosis: Inward Vessel Remodeling, Cell Migration, and Activity of Genes Regulating Migration, 208
Role of Sp1 in the Induction of p27 Gene Expression in Vascular Smooth Muscle Cells In Vitro and After Balloon Angioplasty, 342

Angiopoietins
Expression of Angiopoietin-1 in Human Glioblastomas Regulates Tumor-Induced Angiogenesis: In Vivo and In Vitro Studies, 536

Angiotensin
Angiotensin II Administration to Atherosclerotic Mice Increases Macrophage Uptake of Oxidized LDL: A Possible Role for Interleukin-6, 1464
Prorenin Accumulation and Activation in Human Endothelial Cells: Importance of Mannose 6-Phosphate Receptors, 911

Angiotensin II
Adrenomedullin Inhibits Angiotensin II-Induced Expression of Tissue Factor and Plasminogen Activator Inhibitor-1 in Cultured Rat Aortic Endothelial Cells, 1078
Critical Role of Rho-Kinase and MEK/ERK Pathways for Angiotensin II-Induced Plasminogen Activator Inhibitor Type-1 Gene Expression, 868
Cysteinyl Leukotrienes Modulate Angiotensin II Constrictor Effects on Aortas From Streptozotocin-Induced Diabetic Rats, 1751
Epidermal Growth Factor Receptor Transactivation by Angiotensin II Requires Reactive Oxygen Species in Vascular Smooth Muscle Cells, 489
Involvement of Rho-Kinase and the Actin Filament Network in Angiotensin II-Induced Contraction and Extracellular Signal-Regulated Kinase Activity in Intact Rat Mesenteric Resistance Arteries, 1288
Role of Reactive Oxygen Species in Angiotensin II Signaling: The Plot Thickens, 471

Angiotensin II receptors
Downregulation of Angiotensin II Type 1 Receptor by Hydrophobic 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibitors in Vascular Smooth Muscle Cells, 1896

Animal models
Cell Lineages and Tissue Boundaries in Cardiac Arterial and Venous Poles: Developmental Patterns, Animal Models, and Implications for Congenital Vascular Diseases, 312
Chlamydia pneumoniae Does Not Increase Atherosclerosis in the Aortic Root of Apolipoprotein E-Deficient Mice, 578
Compensatory Enlargement and Stenosis Develop in ApoE$^{-/-}$ and ApoE*3-Leiden Transgenic Mice, 1359
Experimental Abdominal Aortic Aneurysms in Mice Lacking Expression of Inducible Nitric Oxide Synthase, 1393
Intravenous Magnesium in Experimental Stent Thrombosis in Swine, 1544

Anonymous marker linkage
Genome Scan for Quantitative Trait Loci Linked to High-Density Lipoprotein Cholesterol: The NHLBI Family Heart Study, 1823

Antibodies
Antibodies to Oxidized LDL in Relation to Carotid Atherosclerosis, Cell Adhesion Molecules, and Phospholipase A_2, 269
Antibodies to Oxidized LDL in Relation to Intima-Media Thickness in Carotid and Femoral Arteries in 58-Year-Old Subjectively Clinically Healthy Men, 101
Human-Derived Anti-Oxidized LDL Autoantibody Blocks Uptake of Oxidized LDL by Macrophages and Localizes to Atherosclerotic Lesions In Vivo, 1333
LDL Immunization Induces T-Cell-Dependent Antibody Formation and Protection Against Atherosclerosis, 108

Anticoagulants
Mechanism of Action and Pharmacology of Unfractionated Heparin, 1094

Antioxidant enzymes
Changes in Expression of Antioxidant Enzymes Affect Cell-Mediated LDL Oxidation and Oxidized LDL-Induced Apoptosis in Mouse Aortic Cells, 1131

Antioxidant vitamins
Antioxidant Supplements Block the Response of HDL to Simvastatin-Niacin Therapy in Patients With Coronary Artery Disease and Low HDL, 1320

Antioxidants
Antioxidative and Antiatherosclerotic Effects of Human Apolipoprotein A-IV in Apolipoprotein E-Deficient Mice, 1023
Bioavailability of Vitamin E as Function of Food Intake in Healthy Subjects: Effects on Plasma Peroxide-Scavenging Activity and Cholesterol-Oxidation Products, 1617
Dietary Cosupplementation With Vitamin E and Coenzyme Q_{10} Inhibits Atherosclerosis in Apolipoprotein E Gene Knockout Mice, 585
Expression of Glutaredoxin in Human Coronary Arteries: Its Potential Role in Antioxidant Protection Against Atherosclerosis, 1483
Genetic Contributions to Plasma Total Antioxidant Activity, 1190
Pro-Oxidant Effect of Vitamin E in Cigarette Smokers Consuming a High Polyunsaturated Fat Diet, 1029
Role of Reactive Oxygen Species in Angiotensin II Signaling: The Plot Thickens, 471

Antisense
Localization of c-Myb and Induction of Apoptosis by Antisense Oligonucleotide c-*myb* After Angioplasty of Porcine Coronary Arteries, 1727

Antithrombotic effects
Intravenous Magnesium in Experimental Stent Thrombosis in Swine, 1544

α_1-Antitrypsin
In Vivo Complex Formation of Oxidized α_1-Antitrypsin and LDL, 1801

Aorta
Aortic Aneurysm Diameter and Risk of Cardiovascular Mortality, 1203
Endothelial Dysfunction and Denudation in Rat Aortic Allografts, 67
Cadmium Accumulation in Aortas of Smokers, 863
Changes in Expression of Antioxidant Enzymes Affect Cell-Mediated LDL Oxidation and Oxidized LDL-Induced Apoptosis in Mouse Aortic Cells, 1131
Regional Differentiation of Desmin, Connexin43, and Connexin45 Expression Patterns in Rat Aortic Smooth Muscle, 355
Temporal Expression of Heat Shock Proteins 60 and 70 at Lesion-Prone Sites During Atherogenesis in ApoE-Deficient Mice, 1991

Aortic lesions
Extracellular Superoxide Dismutase Deficiency and Atherosclerosis in Mice, 1477

Aortic pulse wave velocity
Aortic Pulse Wave Velocity Predicts Cardiovascular Mortality in Subjects >70 Years of Age, 2046

Apolipoprotein A-I
Arg123-Tyr166 Domain of Human ApoA-I Is Critical for HDL-Mediated Inhibition of Macrophage Homing and Early Atherosclerosis in Mice, 1977
Genome-Wide Linkage Analysis Reveals Evidence of Multiple Regions That Influence Variation in Plasma Lipid and Apolipoprotein Levels Associated With Risk of Coronary Heart Disease, 971
Increased Cholesterol Efflux in Apolipoprotein AI (ApoAI)-Producing Macrophages as a Mechanism for Reduced Atherosclerosis in ApoAI$^{(-/-)}$ Mice, 1790

Apolipoprotein A-II
Genome-Wide Linkage Analysis Reveals Evidence of Multiple Regions That Influence Variation in Plasma Lipid and Apolipoprotein Levels Associated With Risk of Coronary Heart Disease, 971
Apolipoprotein A-IV
Antioxidative and Antiatherosclerotic Effects of Human Apolipoprotein A-IV in Apolipoprotein E-Deficient Mice, 1023
Apolipoprotein B
2000 George Lyman Duff Memorial Lecture: Atherosclerosis Is a Liver Disease of the Heart, 887
Determinants of Lipid Level Variability in French-Canadian Children With Familial Hypercholesterolemia, 979
Differential Metabolism of Human VLDL According to Content of ApoE and ApoC-III, 1494
Insulin Inhibits the Maturation Phase of VLDL Assembly via a Phosphoinositide 3-Kinase-Mediated Event, 1656
Lipoprotein Size and Atherosclerosis Susceptibility in *Apoe*$^{-/-}$ and *Ldlr*$^{-/-}$ Mice, 1567
Postprandial Increase of Complement Component 3 in Normolipidemic Patients With Coronary Artery Disease: Effects of Expanded-Dose Simvastatin, 1526
Apolipoprotein C-III
Differential Metabolism of Human VLDL According to Content of ApoE and ApoC-III, 1494
Apolipoprotein E
Adhesion of Monocytes to Arterial Endothelium and Initiation of Atherosclerosis Are Critically Dependent on Vascular Cell Adhesion Molecule-1 Gene Dosage, 1662
Biglycan, a Vascular Proteoglycan, Binds Differently to HDL_2 and HDL_3: Role of ApoE, 129
Determinants of Lipid Level Variability in French-Canadian Children With Familial Hypercholesterolemia, 979
Determinants of Variable Response to Statin Treatment in Patients With Refractory Familial Hypercholesterolemia, 832
Differential Metabolism of Human VLDL According to Content of ApoE and ApoC-III, 1494
Distribution of Lipid Deposits Around Aortic Branches of Mice Lacking LDL Receptors and Apolipoprotein E, 1220
Effect of Immune Deficiency on Lipoproteins and Atherosclerosis in Male Apolipoprotein E-Deficient Mice, 1011
Genome-Wide Linkage Analysis Reveals Evidence of Multiple Regions That Influence Variation in Plasma Lipid and Apolipoprotein Levels Associated With Risk of Coronary Heart Disease, 971
Lack of Triglyceride-Lowering Properties of Fish Oil in Apolipoprotein E-Deficient Mice, 401
Mechanism of Endothelial Dysfunction in Apolipoprotein E-Deficient Mice, 1017
Mice Expressing Only the Mutant APOE3Leiden Gene Show Impaired VLDL Secretion, 1366
Persistence of Atherosclerotic Plaque but Reduced Aneurysm Formation in Mice With Stromelysin-1 (MMP-3) Gene Inactivation, 1440
Simvastatin Has Anti-Inflammatory and Antiatherosclerotic Activities Independent of Plasma Cholesterol Lowering, 115
Sterol Efflux Mediated by Endogenous Macrophage ApoE Expression Is Independent of ABCA1, 2019
Apolipoprotein E-deficient mice
Chlamydia pneumoniae Does Not Increase Atherosclerosis in the Aortic Root of Apolipoprotein E-Deficient Mice, 578
Dietary Supplementation With Methionine and Homocysteine Promotes Early Atherosclerosis but Not Plaque Rupture in ApoE-Deficient Mice, 1470
Temporal Expression of Heat Shock Proteins 60 and 70 at Lesion-Prone Sites During Atherogenesis in ApoE-Deficient Mice, 1991
Apolipoprotein E*3-Leiden transgenic mice
Dietary Plant Stanol Esters Reduce VLDL Cholesterol Secretion and Bile Saturation in Apolipoprotein E*3-Leiden Transgenic Mice, 1046
Apolipoprotein E knockout mice
Macrophage-Specific Expression of Human Lipoprotein Lipase Accelerates Atherosclerosis in Transgenic Apolipoprotein E Knockout Mice but Not in C57BL/6 Mice, 1809
Apolipoprotein(a)
Lipoprotein(a) and Atherosclerosis, 1
Molecular Analysis of Apo(a) Fragmentation in Polygenic Hypercholesterolemia: Characterization of a New Plasma Fragment Pattern, 1353
Apolipoprotein(a) size polymorphism
Changes in Plasma Triglyceride Levels Shift Lipoprotein(a) Density in Parallel With That of LDL Independently of Apolipoprotein(a) Size, 1238
Apolipoproteins
Accumulation of Triglyceride-Rich Lipoprotein in Subjects With Abdominal Obesity: The Biguanides and the Prevention of the Risk of Obesity (BIGPRO) 1 Study, 407
High Density Lipoproteins and Arteriosclerosis: Role of Cholesterol Efflux and Reverse Cholesterol Transport, 13
Niacin, but Not Gemfibrozil, Selectively Increases LP-AI, a Cardioprotective Subfraction of HDL, in Patients With Low HDL Cholesterol, 1783
Relationship of Insulin Sensitivity and ApoB Levels to Intraabdominal Fat in Subjects With Familial Combined Hyperlipidemia, 567
Transgenic Rabbits Expressing Human Apolipoprotein(a) Develop More Extensive Atherosclerotic Lesions in Response to a Cholesterol-Rich Diet, 88
Apoptosis
Acute and Chronic Smooth Muscle Cell Apoptosis After Mechanical Vascular Injury Can Occur Independently of the Fas-Death Pathway, 1733
Alcohol Enhances Oxysterol-Induced Apoptosis in Human Endothelial Cells by a Calcium-Dependent Mechanism, 439
Apoptotic Death of Inflammatory Cells in Human Atheroma, 1124
Biphasic Effects of 15-Deoxy-$\Delta^{12,14}$-Prostaglandin J_2 on Glutathione Induction and Apoptosis in Human Endothelial Cells, 1846
Blood Flow Decrease Induces Apoptosis of Endothelial Cells in Previously Dilated Arteries Resulting From Chronic High Blood Flow, 1139
Differential Cell Cycle Progression Patterns of Infiltrating Leukocytes and Resident Cells After Balloon Injury of the Rat Carotid Artery, 1948
Human Blood-Derived Macrophages Induce Apoptosis in Human Plaque-Derived Vascular Smooth Muscle Cells by Fas-Ligand/Fas Interactions, 1402
Increased Rate of Apoptosis in Intimal Arterial Smooth Muscle Cells Through Endogenous Activation of TNF Receptors, 1909
Induction of Nuclear Orphan Receptor NGFI-B Gene and Apoptosis in Rat Vascular Smooth Muscle Cells Treated With Pyrrolidinedithiocarbamate, 1738
Kininostatin, an Angiogenic Inhibitor, Inhibits Proliferation and Induces Apoptosis of Human Endothelial Cells, 1427
Localization of c-Myb and Induction of Apoptosis by Antisense Oligonucleotide c-*myb* After Angioplasty of Porcine Coronary Arteries, 1727
Mast Cell Chymase Induces Apoptosis of Vascular Smooth Muscle Cells, 516
Overexpression of Inducible Heat Shock Protein 70 in COS-1 Cells Fails to Protect From Cytotoxicity of Oxidized LDLs, 348
Oxidized LDL Modulates Bax/Bcl-2 Through the Lectinlike Ox-LDL Receptor-1 in Vascular Smooth Muscle Cells, 955
Photodynamic Therapy With Motexafin Lutetium Induces Redox-Sensitive Apoptosis of Vascular Cells, 759
Arginine
L-Arginine Administration Reduces Neointima Formation After Stent Injury in Rats by a Nitric Oxide-Mediated Mechanism, 1604
Arterial remodeling
Blood Flow Decrease Induces Apoptosis of Endothelial Cells in Previously Dilated Arteries Resulting From Chronic High Blood Flow, 1139
Arterial smooth muscle
Retroviral Overexpression of Decorin Differentially Affects the Response of Arterial Smooth Muscle Cells to Growth Factors, 777
Arterial stiffness
Carotid Artery Wall Hypertrophy With Age Is Related to Local Systolic Blood Pressure in Healthy Men, 82
Arterial thrombosis
Procoagulant Activity on Platelets Adhered to Collagen or Plasma Clot, 628

Arterial wall histology
Decreased Smooth Muscle Cell/Extracellular Matrix Ratio of Media of Femoral Artery in Patients With Atherosclerosis and Hyperhomocysteinemia, 573
Arteries
Network of Vascular-Associated Dendritic Cells in Intima of Healthy Young Individuals, 503
Plasminogen Activator Inhibitor Type 1 Is Increased in the Arterial Wall of Type II Diabetic Subjects, 1378
Arteriole
Flow-Induced Constriction in Arterioles of Hyperhomocysteinemic Rats Is Due to Impaired Nitric Oxide and Enhanced Thromboxane A_2 Mediation, 233
Arteriosclerosis
Adenovirus-Mediated Transfer of Dominant-Negative Rho-Kinase Induces a Regression of Coronary Arteriosclerosis in Pigs In Vivo, 548
Replacement of Dietary Saturated Fatty Acids by *Trans* Fatty Acids Lowers Serum HDL Cholesterol and Impairs Endothelial Function in Healthy Men and Women, 1233
Thrombin Causes Vascular Endothelial Growth Factor Expression in Vascular Smooth Muscle Cells: Role of Reactive Oxygen Species, 1550
Artery calcification
Bisphosphonates Alendronate and Ibandronate Inhibit Artery Calcification at Doses Comparable to Those That Inhibit Bone Resorption, 817
Osteoprotegerin Inhibits Artery Calcification Induced by Warfarin and by Vitamin D, 1610
Asian Americans
Plasma Fibrinogen as a Predictor of Total and Cause-Specific Mortality in Elderly Japanese-American Men, 1065
ATF-2
LDL-Activated p38 in Endothelial Cells Is Mediated by Ras, 1159
Atherogenesis
Dietary Cosupplementation With Vitamin E and Coenzyme Q_{10} Inhibits Atherosclerosis in Apolipoprotein E Gene Knockout Mice, 585
Enzymatically Degraded LDL Preferentially Binds to $CD14^{high}$ $CD16^{+}$ Monocytes and Induces Foam Cell Formation Mediated Only in Part by the Class B Scavenger-Receptor CD36, 1004
Atheromatosis
Phenotypic Heterogeneity Influences Apoptotic Susceptibility to Retinoic Acid and *cis*-Platinum of Rat Arterial Smooth Muscle Cells In Vitro: Implications for the Evolution of Experimental Intimal Thickening, 1118
Atherosclerosis
Alcohol Enhances Oxysterol-Induced Apoptosis in Human Endothelial Cells by a Calcium-Dependent Mechanism, 439
Angiotensin II Administration to Atherosclerotic Mice Increases Macrophage Uptake of Oxidized LDL: A Possible Role for Interleukin-6, 1464
Another Calcium Paradox? 1561
Antibodies to Oxidized LDL in Relation to Carotid Atherosclerosis, Cell Adhesion Molecules, and Phospholipase A_2, 269
Antioxidative and Antiatherosclerotic Effects of Human Apolipoprotein A-IV in Apolipoprotein E-Deficient Mice, 1023
Apoptotic Death of Inflammatory Cells in Human Atheroma, 1124
Arg123-Tyr166 Domain of Human ApoA-I Is Critical for HDL-Mediated Inhibition of Macrophage Homing and Early Atherosclerosis in Mice, 1977
Biglycan, a Vascular Proteoglycan, Binds Differently to HDL_2 and HDL_3: Role of ApoE, 129
Bioavailability of Vitamin E as Function of Food Intake in Healthy Subjects: Effects on Plasma Peroxide-Scavenging Activity and Cholesterol-Oxidation Products, 1617
Chlamydia pneumoniae Does Not Increase Atherosclerosis in the Aortic Root of Apolipoprotein E-Deficient Mice, 578
Cholesterol Absorption, Synthesis, and Fecal Output in Postmenopausal Women With and Without Coronary Artery Disease, 1650
Circulating Autoantibodies to Oxidized LDL Correlate With Arterial Accumulation and Depletion of Oxidized LDL in LDL Receptor-Deficient Mice, 95
Circulating Oxidized LDL Is a Useful Marker for Identifying Patients With Coronary Artery Disease, 844
Cultured Arterial Smooth Muscle Cells Maintain Distinct Phenotypes When Implanted Into Carotid Artery, 949
Current Infection With *Helicobacter pylori*, but Not Seropositivity to *Chlamydia pneumoniae* or Cytomegalovirus, Is Associated With an Atherogenic, Modified Lipid Profile, 427
Dietary Supplementation With Methionine and Homocysteine Promotes Early Atherosclerosis but Not Plaque Rupture in ApoE-Deficient Mice, 1470
Differential Expression of Bone Matrix Regulatory Proteins in Human Atherosclerotic Plaques, 1998
Discrimination of Human Coronary Artery Atherosclerotic Lipid-Rich Lesions by Time-Resolved Laser-Induced Fluorescence Spectroscopy, 1244
Distribution of Lipid Deposits Around Aortic Branches of Mice Lacking LDL Receptors and Apolipoprotein E, 1220
Does Homocysteine Promote Atherosclerosis? 1385
Does Therapeutic Intervention Achieve Slowing of Progression or Bona Fide Regression of Atherosclerotic Lesions? 183
Effect of Immune Deficiency on Lipoproteins and Atherosclerosis in Male Apolipoprotein E-Deficient Mice, 1011
Effect of Oral Postmenopausal Hormone Replacement on Progression of Atherosclerosis: A Randomized, Controlled Trial, 262
Endogenous Neutralizing Antibodies Against Platelet-Derived Growth Factor-AA Inhibit Atherogenesis in the Cholesterol-Fed Rabbit, 997
Enhanced Superoxide Production in Experimental Venous Bypass Graft Intimal Hyperplasia: Role of NAD(P)H Oxidase, 189
Estrogen Replacement and Brachial Artery Flow-Mediated Vasodilation in Older Women, 1955
Expression of a SR-PSOX, Novel Cell-Surface Scavenger Receptor for Phosphatidylserine and Oxidized LDL in Human Atherosclerotic Lesions, 1796
Expression of Glutaredoxin in Human Coronary Arteries: Its Potential Role in Antioxidant Protection Against Atherosclerosis, 1483
Ezetimibe, a Potent Cholesterol Absorption Inhibitor, Inhibits the Development of Atherosclerosis in ApoE Knockout Mice, 2032
HDL and the Inflammatory Response Induced by LDL-Derived Oxidized Phospholipids, 481
High-Fat, High-Cholesterol Diet Increases the Incidence of Gastritis in LDL Receptor-Negative Mice, 991
HMG-CoA Reductase Inhibitor Modulates Monocyte-Endothelial Cell Interaction Under Physiological Flow Conditions In Vitro: Involvement of Rho GTPase-Dependent Mechanism, 1165
HMG-CoA Reductase Inhibitors Prevent Migration of Human Coronary Smooth Muscle Cells Through Suppression of Increase in Oxidative Stress, 937
Human Blood-Derived Macrophages Induce Apoptosis in Human Plaque-Derived Vascular Smooth Muscle Cells by Fas-Ligand/Fas Interactions, 1402
Human-Derived Anti-Oxidized LDL Autoantibody Blocks Uptake of Oxidized LDL by Macrophages and Localizes to Atherosclerotic Lesions In Vivo, 1333
Human Paraoxonase-3 Is an HDL-Associated Enzyme With Biological Activity Similar to Paraoxonase-1 Protein but Is Not Regulated by Oxidized Lipids, 542
Identification of Differentially Regulated Genes in Mildly Hyperlipidemic ApoE3-Leiden Mice by Use of Serial Analysis of Gene Expression, 1984
Immune Mechanisms in Atherosclerosis, 1876
In Vivo Magnetic Resonance Imaging of Experimental Thrombosis in a Rabbit Model, 1556
Increased Expression of Heme Oxygenase-1 and Bilirubin Accumulation in Foam Cells of Rabbit Atherosclerotic Lesions, 1373
Influence of Plasma Fibrinogen Levels on the Incidence of Myocardial Infarction and Death Is Modified by Other Inflammation-Sensitive Proteins: A Long-Term Cohort Study, 452
Is Paraoxonase-3 Another HDL-Associated Protein Protective Against Atherosclerosis? 467
Is the Emperor Wearing Clothes? Clinical Trials of Vitamin E and LDL Oxidation Hypothesis, 1261
Lack of Triglyceride-Lowering Properties of Fish Oil in Apolipoprotein E-Deficient Mice, 401
LDL Immunization Induces T-Cell-Dependent Antibody Formation and Protection Against Atherosclerosis, 108

Linked Chromosome 16q13 Chemokines, Macrophage-Derived Chemokine, Fractalkine, and Thymus- and Activation-Regulated Chemokine, Are Expressed in Human Atherosclerotic Lesions, 923
Lipoprotein Size and Atherosclerosis Susceptibility in *Apoe*$^{-/-}$ and *Ldlr*$^{-/-}$ Mice, 1567
Lipoprotein(a) and Atherosclerosis, 1
Localization of Human ATP-Binding Cassette Transporter 1 (ABC1) in Normal and Atherosclerotic Tissues, 378
LR11, a Mosaic LDL Receptor Family Member, Mediates the Uptake of ApoE-Rich Lipoproteins In Vitro, 1501
Macrophage-Specific Expression of Human Lipoprotein Lipase Accelerates Atherosclerosis in Transgenic Apolipoprotein E Knockout Mice but Not in C57BL/6 Mice, 1809
Mast Cell Chymase Induces Apoptosis of Vascular Smooth Muscle Cells, 516
Mast Cell Chymase Inhibits Smooth Muscle Cell Growth and Collagen Expression In Vitro: Transforming Growth Factor-β1-Dependent and -Independent Effects, 1928
Measurement of Copper-Binding Sites on Low Density Lipoprotein, 594
Mechanism of Endothelial Dysfunction in Apolipoprotein E-Deficient Mice, 1017
Microsatellite Mutation of Type II Transforming Growth Factor-β Receptor Is Rare in Atherosclerotic Plaques, 555
Network of Vascular-Associated Dendritic Cells in Intima of Healthy Young Individuals, 503
New Evidence for Beneficial Effects of Statins Unrelated to Lipid Lowering, 3
Niacin, but Not Gemfibrozil, Selectively Increases LP-AI, a Cardioprotective Subfraction of HDL, in Patients With Low HDL Cholesterol, 1783
Oral Magnesium Supplementation Induces Favorable Antiatherogenic Changes in ApoE-Deficient Mice, 858
Oxidized LDL Modulates Bax/Bcl-2 Through the Lectinlike Ox-LDL Receptor-1 in Vascular Smooth Muscle Cells, 955
Oxidized LDL Regulates Vascular Endothelial Growth Factor Expression in Human Macrophages and Endothelial Cells Through Activation of Peroxisome Proliferator-Activated Receptor-γ, 560
Persistence of Atherosclerotic Plaque but Reduced Aneurysm Formation in Mice With Stromelysin-1 (MMP-3) Gene Inactivation, 1440
Photodynamic Therapy With Motexafin Lutetium Induces Redox-Sensitive Apoptosis of Vascular Cells, 759
Pleiotropic Effects of 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibitors, 1712
Postprandial Increase of Complement Component 3 in Normolipidemic Patients With Coronary Artery Disease: Effects of Expanded-Dose Simvastatin, 1526
PPARγ and Atherosclerosis: Effects on Cell Growth and Movement, 1891
Raloxifene-Mediated Increase in Matrix Metalloproteinase-1 Production by Activated Monocytes, 1265
Raman Spectroscopic Evaluation of the Effects of Diet and Lipid-Lowering Therapy on Atherosclerotic Plaque Development in Mice, 1630
Receptor for Advanced Glycation End Products Mediates Inflammation and Enhanced Expression of Tissue Factor in Vasculature of Diabetic Apolipoprotein E-Null Mice, 905
Relation of Blood Pressure Variability to Carotid Atherosclerosis and Carotid Artery and Left Ventricular Hypertrophy, 1507
Relationship of Periodontal Disease to Carotid Artery Intima-Media Wall Thickness: The Atherosclerosis Risk in Communities (ARIC) Study, 1816
Retention of Oxidized LDL by Extracellular Matrix Proteoglycans Leads to Its Uptake by Macrophages: An Alternative Approach to Study Lipoproteins Cellular Uptake, 386
A Role for an Alternatively Spliced Id3 Isoform in Vascular Lesions? 727
S17834, a New Inhibitor of Cell Adhesion and Atherosclerosis That Targets NADPH Oxidase, 1577
Serum C3 but Not Plasma Acylation-Stimulating Protein Is Elevated in Finnish Patients With Familial Combined Hyperlipidemia, 838
Signaling Mechanisms of Nuclear Factor-κB-Mediated Activation of Inflammatory Genes by 13-Hydroperoxyoctadecadienoic Acid in Cultured Vascular Smooth Muscle Cells, 1408
Simvastatin Has Anti-Inflammatory and Antiatherosclerotic Activities Independent of Plasma Cholesterol Lowering, 115
Sterol Efflux Mediated by Endogenous Macrophage ApoE Expression Is Independent of ABCA1, 2019
Sustained Anxiety and 4-Year Progression of Carotid Atherosclerosis, 136
Temporal Expression of Heat Shock Proteins 60 and 70 at Lesion-Prone Sites During Atherogenesis in ApoE-Deficient Mice, 1991
Thrombin Upregulates Tissue Transglutaminase in Endothelial Cells: A Potential Role for Tissue Transglutaminase in Stability of Atherosclerotic Plaque, 1689
Transforming Growth Factor-β1 Inhibits Macrophage Cholesteryl Ester Accumulation Induced by Native and Oxidized VLDL Remnants, 2011
Transgenic Rabbits Expressing Human Apolipoprotein(a) Develop More Extensive Atherosclerotic Lesions in Response to a Cholesterol-Rich Diet, 88
Troglitazone Inhibits Atherosclerosis in Apolipoprotein E-Knockout Mice: Pleiotropic Effects on CD36 Expression and HDL, 372
Troglitazone Inhibits Formation of Early Atherosclerotic Lesions in Diabetic and Nondiabetic Low Density Lipoprotein Receptor-Deficient Mice, 365
Tumor Necrosis Factor Receptor Superfamily 14 Is Involved in Atherogenesis by Inducing Proinflammatory Cytokines and Matrix Metalloproteinases, 2004
Vascular Cell Adhesion Molecule-1 Augments Adenovirus-Mediated Gene Transfer, 238
Vascular Injury Induces Posttranscriptional Regulation of the Id3 Gene: Cloning of a Novel Id3 Isoform Expressed During Vascular Lesion Formation in Rat and Human Atherosclerosis, 752
VEGF Protects Against Oxidized LDL Toxicity to Endothelial Cells by an Intracellular Glutathione-Dependent Mechanism Through the KDR Receptor, 765

Atherosclerosis pathophysiology
Compensatory Enlargement and Stenosis Develop in ApoE$^{-/-}$ and ApoE*3-Leiden Transgenic Mice, 1359

Atherosclerotic plaque
Effects of Prolonged Intensive Lipid-Lowering Therapy on the Characteristics of Carotid Atherosclerotic Plaques In Vivo by MRI: A Case-Control Study, 1623

Atorvastatin
Effect of Statins on Bone Mineral Density and Bone Histomorphometry in Rodents, 1636

ATP-binding cassette transporter 1
Localization of Human ATP-Binding Cassette Transporter 1 (ABC1) in Normal and Atherosclerotic Tissues, 378

Autoantibodies
Circulating Autoantibodies to Oxidized LDL Correlate With Arterial Accumulation and Depletion of Oxidized LDL in LDL Receptor-Deficient Mice, 95

Axl
Phosphatidylinositol 3-OH Kinase-Akt/Protein Kinase B Pathway Mediates Gas6 Induction of Scavenger Receptor A in Immortalized Human Vascular Smooth Muscle Cell Line, 1592

B

Balloon injury
Acute and Chronic Smooth Muscle Cell Apoptosis After Mechanical Vascular Injury Can Occur Independently of the Fas-Death Pathway, 1733
Cell Cycle Protein Expression in Vascular Smooth Muscle Cells In Vitro and In Vivo Is Regulated Through Phosphatidylinositol 3-Kinase and Mammalian Target of Rapamycin, 1152

Bax
Overexpression of Inducible Heat Shock Protein 70 in COS-1 Cells Fails to Protect From Cytotoxicity of Oxidized LDLs, 348

Bcl-2
Overexpression of Inducible Heat Shock Protein 70 in COS-1 Cells Fails to Protect From Cytotoxicity of Oxidized LDLs, 348

Biglycan
Biglycan, a Vascular Proteoglycan, Binds Differently to HDL_2 and HDL_3: Role of ApoE, 129
Bile acids
Analysis of the Ileal Bile Acid Transporter Gene, *SLC10A2*, in Subjects With Familial Hypertriglyceridemia, 2039
Cholesterol Absorption, Synthesis, and Fecal Output in Postmenopausal Women With and Without Coronary Artery Disease, 1650
Bilirubin IXα
Increased Expression of Heme Oxygenase-1 and Bilirubin Accumulation in Foam Cells of Rabbit Atherosclerotic Lesions, 1373
Binding
Retention of Oxidized LDL by Extracellular Matrix Proteoglycans Leads to Its Uptake by Macrophages: An Alternative Approach to Study Lipoproteins Cellular Uptake, 386
Binding protein proteases
Insulin-Like Growth Factor Binding Protein-4 Protease Produced by Smooth Muscle Cells Increases in the Coronary Artery After Angioplasty, 335
Birth weight
Preeclampsia and Fetal Loss in Women With a History of Venous Thromboembolism, 874
Bisphosphonates
Bisphosphonates Alendronate and Ibandronate Inhibit Artery Calcification at Doses Comparable to Those That Inhibit Bone Resorption, 817
Blood coagulation
Tamoxifen and Cardiac Risk Factors in Healthy Women: Suggestion of an Anti-inflammatory Effect, 255
Blood flow
Blood Flow Decrease Induces Apoptosis of Endothelial Cells in Previously Dilated Arteries Resulting From Chronic High Blood Flow, 1139
Low Blood Flow After Angioplasty Augments Mechanisms of Restenosis: Inward Vessel Remodeling, Cell Migration, and Activity of Genes Regulating Migration, 208
Blood group
Elevated Factor VIII Levels and the Risk of Thrombosis, 731
Blood pressure
ACE Inhibitor and AT_1 Antagonist Blockade of Deformation-Induced Gene Expression in the Rabbit Jugular Vein Through B_2 Receptor Activation, 61
Long-Term Homocysteine-Lowering Treatment With Folic Acid Plus Pyridoxine Is Associated With Decreased Blood Pressure but Not With Improved Brachial Artery Endothelium-Dependent Vasodilation or Carotid Artery Stiffness: A 2-Year, Randomized, Placebo-Controlled Trial, 2072
Relation of Blood Pressure Variability to Carotid Atherosclerosis and Carotid Artery and Left Ventricular Hypertrophy, 1507
Body composition
Elevated C-Reactive Protein: Another Component of the Atherothrombotic Profile of Abdominal Obesity, 961
Body mass index
Elevated C-Reactive Protein Constitutes an Independent Predictor of Advanced Carotid Plaques in Dyslipidemic Subjects, 1962
Bone
Boning Up (or Down) on Statins, 1565
Bone histomorphometry
Effect of Statins on Bone Mineral Density and Bone Histomorphometry in Rodents, 1636
Bone marrow transplantation
Effect of γ-Irradiation and Bone Marrow Transplantation on Atherosclerosis in LDL Receptor-Deficient Mice, 1674
Bone matrix proteins
Differential Expression of Bone Matrix Regulatory Proteins in Human Atherosclerotic Plaques, 1998
Bone mineral density
Effect of Statins on Bone Mineral Density and Bone Histomorphometry in Rodents, 1636
Bone resorption
Bisphosphonates Alendronate and Ibandronate Inhibit Artery Calcification at Doses Comparable to Those That Inhibit Bone Resorption, 817
Osteoprotegerin Inhibits Artery Calcification Induced by Warfarin and by Vitamin D, 1610
Brachial artery flow-mediated vasodilation
Long-Term Homocysteine-Lowering Treatment With Folic Acid Plus Pyridoxine Is Associated With Decreased Blood Pressure but Not With Improved Brachial Artery Endothelium-Dependent Vasodilation or Carotid Artery Stiffness: A 2-Year, Randomized, Placebo-Controlled Trial, 2072
Brain infarction
Characterization of Polymorphic Structure of Cathepsin G Gene: Role in Cardiovascular and Cerebrovascular Diseases, 1538

C

***C pneumoniae* infection**
Chlamydia pneumoniae Does Not Increase Atherosclerosis in the Aortic Root of Apolipoprotein E-Deficient Mice, 578
C-reactive protein
C-Reactive Protein, Fibrin D-Dimer, and Incident Ischemic Heart Disease in the Speedwell Study: Are Inflammation and Fibrin Turnover Linked in Pathogenesis? 603
Elevated C-Reactive Protein Constitutes an Independent Predictor of Advanced Carotid Plaques in Dyslipidemic Subjects, 1962
Elevated C-Reactive Protein: Another Component of the Atherothrombotic Profile of Abdominal Obesity, 961
Energy Restriction and Weight Loss on Very-Low-Fat Diets Reduce C-Reactive Protein Concentrations in Obese, Healthy Women, 968
C-type natriuretic peptide
C-Type Natriuretic Peptide Induces Redifferentiation of Vascular Smooth Muscle Cells With Accelerated Reendothelialization, 930
C4 binding protein
Complement Components, but Not Complement Inhibitors, Are Upregulated in Atherosclerotic Plaques, 1214
Ca^{2+}/calmodulin-dependent protein kinase II
Induction of Endothelial NO Synthase by Hydrogen Peroxide via a Ca^{2+}/Calmodulin-Dependent Protein Kinase II/Janus Kinase 2-Dependent Pathway, 1571
Calcification
Raman Spectroscopic Evaluation of the Effects of Diet and Lipid-Lowering Therapy on Atherosclerotic Plaque Development in Mice, 1630
Calcinosis
Relationship of Clinical Presentation and Calcification of Culprit Coronary Artery Stenoses, 1618
Calcium
Alcohol Enhances Oxysterol-Induced Apoptosis in Human Endothelial Cells by a Calcium-Dependent Mechanism, 439
Another Calcium Paradox? 1561
Association of Multiple Risk Factors and Insulin Resistance With Increased Prevalence of Asymptomatic Coronary Artery Disease by an Electron-Beam Computed Tomographic Study, 2051
Natural History and Topographic Pattern of Progression of Coronary Calcification in Symptomatic Patients: An Electron-Beam CT Study, 421
Relationship of Clinical Presentation and Calcification of Culprit Coronary Artery Stenoses, 1618
cAMP
cAMP Signal Transduction Cascade, a Novel Pathway for the Regulation of Endothelial Nitric Oxide Production in Coronary Blood Vessels, 797
Interactions Between NO and cAMP in the Regulation of Vascular Tone, 729
cAMP response element
Thrombin Induces Interleukin-6 Expression Through the cAMP Response Element in Vascular Smooth Muscle Cells, 1759
cAMP response element-binding protein
cAMP Response Element-Binding Protein Mediates Thrombin-Induced Proliferation of Vascular Smooth Muscle Cells, 1764
Cancer
Plasma Fibrinogen as a Predictor of Total and Cause-Specific Mortality in Elderly Japanese-American Men, 1065
Role of the Matrix Metalloproteinase and Plasminogen Activator-Plasmin Systems in Angiogenesis, 1104
Capacitative Ca^{2+} entry
Myosin Light Chain Kinase Regulates Capacitative Ca^{2+} Entry in Human Monocytes/Macrophages, 509

Cardiac allograft vasculopathy
Tranilast Inhibits Cardiac Allograft Vasculopathy in Association With $p21^{Waf1/Cip1}$ Expression on Neointimal Cells in Murine Cardiac Transplantation Model, 1172
Cardiovascular disease
ACE Genotype and Endothelium-Dependent Vasodilation of Conduit Arteries and Forearm Microcirculation in Humans, 1313
Is Visceral Adiposity the "Enemy Within"? 881
Plasma Fibrinogen as a Predictor of Total and Cause-Specific Mortality in Elderly Japanese-American Men, 1065
Tamoxifen and Cardiac Risk Factors in Healthy Women: Suggestion of an Anti-inflammatory Effect, 255
Vascular Outcome in Patients With Homocystinuria due to Cystathionine β-Synthase Deficiency Treated Chronically: A Multicenter Observational Study, 2080
Cardiovascular mortality
Aortic Pulse Wave Velocity Predicts Cardiovascular Mortality in Subjects >70 Years of Age, 2046
Carotid arteries
Effect of Oral Postmenopausal Hormone Replacement on Progression of Atherosclerosis: A Randomized, Controlled Trial, 262
Inclusion of the E3 Region in an Adenoviral Vector Decreases Inflammation and Neointima Formation After Arterial Gene Transfer, 1777
Relation of Blood Pressure Variability to Carotid Atherosclerosis and Carotid Artery and Left Ventricular Hypertrophy, 1507
Sustained Anxiety and 4-Year Progression of Carotid Atherosclerosis, 136
Carotid artery diseases
Relationship of Periodontal Disease to Carotid Artery Intima-Media Wall Thickness: The Atherosclerosis Risk in Communities (ARIC) Study, 1816
Carotid plaques
Elevated C-Reactive Protein Constitutes an Independent Predictor of Advanced Carotid Plaques in Dyslipidemic Subjects, 1962
Cartilage oligomeric matrix protein
Cartilage Oligomeric Matrix Protein (Thrombospondin-5) Is Expressed by Human Vascular Smooth Muscle Cells, 47
Case-control study
Plasma Fibrin D-Dimer Levels and Risk of Stable Coronary Artery Disease: Results of a Large Case-Control Study, 1701
Caspase-3
Alcohol Enhances Oxysterol-Induced Apoptosis in Human Endothelial Cells by a Calcium-Dependent Mechanism, 439
Catalase
Role of Arterial Wall Antioxidant Defense in Beneficial Effects of Exercise on Atherosclerosis in Mice, 1681
Catalase GTP cyclohydrolase I
NO or H_2O_2 for Endothelium-Dependent Vasorelaxation: Tetrahydrobiopterin Makes the Difference, 719
Reactive Oxygen Species Mediate Endothelium-Dependent Relaxations in Tetrahydrobiopterin-Deficient Mice, 496
Catechol estrogens
Catecholamines Abrogate Antimitogenic Effects of 2-Hydroxyestradiol on Human Aortic Vascular Smooth Muscle Cells, 1745
Cathepsin G
Characterization of Polymorphic Structure of Cathepsin G Gene: Role in Cardiovascular and Cerebrovascular Diseases, 1538
CD11b/CD18
CD11b/CD18 Mediates Production of Reactive Oxygen Species by Mouse and Human Macrophages Adherent to Matrixes Containing Oxidized LDL, 1301
Neutrophil Enhancement of Fibrin Deposition Under Flow Through Platelet-Dependent and -Independent Mechanisms, 2093
CD36
Angiotensin II Administration to Atherosclerotic Mice Increases Macrophage Uptake of Oxidized LDL: A Possible Role for Interleukin-6, 1464
Enzymatically Degraded LDL Preferentially Binds to $CD14^{high}$ $CD16^{+}$ Monocytes and Induces Foam Cell Formation Mediated Only in Part by the Class B Scavenger-Receptor CD36, 1004
Troglitazone Inhibits Atherosclerosis in Apolipoprotein E-Knockout Mice: Pleiotropic Effects on CD36 Expression and HDL, 372
CD39/ecto-ADPase
Thromboregulation by Endothelial Cells: Significance for Occlusive Vascular Diseases, 178
CD46
Complement Components, but Not Complement Inhibitors, Are Upregulated in Atherosclerotic Plaques, 1214
CD59
Complement Components, but Not Complement Inhibitors, Are Upregulated in Atherosclerotic Plaques, 1214
Cell adhesion molecules
Adenosine A_{2A} Receptor Stimulation Reduces Inflammation and Neointimal Growth in a Murine Carotid Ligation Model, 791
Inclusion of the E3 Region in an Adenoviral Vector Decreases Inflammation and Neointima Formation After Arterial Gene Transfer, 1777
Cell biology
Immune Mechanisms in Atherosclerosis, 1876
Cell cycle
Overexpression of Allograft Inflammatory Factor-1 Promotes Proliferation of Vascular Smooth Muscle Cells by Cell Cycle Deregulation, 1421
PPARγ and Atherosclerosis: Effects on Cell Growth and Movement, 1891
Retinoids Inhibit Proliferation of Human Coronary Smooth Muscle Cells by Modulating Cell Cycle Regulators, 746
Role of Sp1 in the Induction of p27 Gene Expression in Vascular Smooth Muscle Cells In Vitro and After Balloon Angioplasty, 342
Cell cycle protein
Cell Cycle Protein Expression in Vascular Smooth Muscle Cells In Vitro and In Vivo Is Regulated Through Phosphatidylinositol 3-Kinase and Mammalian Target of Rapamycin, 1152
Cell density
Induction of Nuclear Orphan Receptor NGFI-B Gene and Apoptosis in Rat Vascular Smooth Muscle Cells Treated With Pyrrolidinedithiocarbamate, 1738
Cell-mediated immunity
Interleukin-15 Expression in Atherosclerotic Plaques: An Alternative Pathway for T-Cell Activation in Atherosclerosis? 1208
Cell proliferation
Kininostatin, an Angiogenic Inhibitor, Inhibits Proliferation and Induces Apoptosis of Human Endothelial Cells, 1427
Mitogen-Induced p53 Downregulation Precedes Vascular Smooth Muscle Cell Migration From Healthy Tunica Media and Proliferation, 214
Retroviral Overexpression of Decorin Differentially Affects the Response of Arterial Smooth Muscle Cells to Growth Factors, 777
Cell replication
Increased Rate of Apoptosis in Intimal Arterial Smooth Muscle Cells Through Endogenous Activation of TNF Receptors, 1909
Cell signaling
Increased Transcription of IL-8 in Endothelial Cells Is Differentially Regulated by TNF-α and Oxidized Phospholipids, 1585
Cellular activation
Chlamydia pneumoniae Proteins Induce Secretion of the 92-kDa Gelatinase by Human Monocyte-Derived Macrophages, 39
Central fat distribution
Accumulation of Triglyceride-Rich Lipoprotein in Subjects With Abdominal Obesity: The Biguanides and the Prevention of the Risk of Obesity (BIGPRO) 1 Study, 407
cGMP
Interactions Between NO and cAMP in the Regulation of Vascular Tone, 729
Long-Term Smoking Causes Nitroglycerin Resistance in Platelets by Depletion of Intraplatelet Glutathione, 1852
Chemokines
In Vivo Anti-Inflammatory Effect of Statins Is Mediated by Nonsterol Mevalonate Products, 1327
Linked Chromosome 16q13 Chemokines, Macrophage-Derived Chemokine, Fractalkine, and Thymus- and Activation-Regulated Chemokine, Are Expressed in Human Atherosclerotic Lesions, 923
Children
Determinants of Lipid Level Variability in French-Canadian Children With Familial Hypercholesterolemia, 979

Chloramines
LDL Modified by Hypochlorous Acid Is a Potent Inhibitor of Lecithin-Cholesterol Acyltransferase Activity, 1040
Cholesterol
Determinants of Variable Response to Statin Treatment in Patients With Refractory Familial Hypercholesterolemia, 832
Genome-Wide Linkage Analysis of Lipids in the Hypertension Genetic Epidemiology Network (HyperGEN) Blood Pressure Study, 1969
Increased Expression of Heme Oxygenase-1 and Bilirubin Accumulation in Foam Cells of Rabbit Atherosclerotic Lesions, 1373
Localization of Human ATP-Binding Cassette Transporter 1 (ABC1) in Normal and Atherosclerotic Tissues, 378
Oral Magnesium Supplementation Induces Favorable Antiatherogenic Changes in ApoE-Deficient Mice, 858
Pleiotropic Effects of 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibitors, 1712
Raman Spectroscopic Evaluation of the Effects of Diet and Lipid-Lowering Therapy on Atherosclerotic Plaque Development in Mice, 1630
Cholesterol-7α-hydroxylase
2000 George Lyman Duff Memorial Lecture: Atherosclerosis Is a Liver Disease of the Heart, 887
Cholesterol absorption
Ezetimibe, a Potent Cholesterol Absorption Inhibitor, Inhibits the Development of Atherosclerosis in ApoE Knockout Mice, 2032
Cholesterol efflux
Effect of Probucol in Lecithin-Cholesterol Acyltransferase-Deficient Mice: Inhibition of 2 Independent Cellular Cholesterol-Releasing Pathways In Vivo, 394
Cholesterol excretion
Fibrates Suppress Bile Acid Synthesis via Peroxisome Proliferator-Activated Receptor-α-Mediated Downregulation of Cholesterol 7α-Hydroxylase and Sterol 27-Hydroxylase Expression, 1840
Cholesterol-fed rabbit
Endogenous Neutralizing Antibodies Against Platelet-Derived Growth Factor-AA Inhibit Atherogenesis in the Cholesterol-Fed Rabbit, 997
Cholesterol homeostasis
Effect of Probucol in Lecithin-Cholesterol Acyltransferase-Deficient Mice: Inhibition of 2 Independent Cellular Cholesterol-Releasing Pathways In Vivo, 394
Cholesterol synthesis
Cholesterol Absorption, Synthesis, and Fecal Output in Postmenopausal Women With and Without Coronary Artery Disease, 1650
Cholesteryl ester transfer protein
Markedly Elevated Lipid Transfer Inhibitor Protein in Hypercholesterolemic Subjects Is Mitigated by Plasma Triglyceride Levels, 1642
Proatherogenic Role of Elevated CE Transfer From HDL to $VLDL_1$ and Dense LDL in Type 2 Diabetes: Impact of the Degree of Triglyceridemia, 282
Cholesteryl ester transfer protein deficiency
Point Mutation (−69 G→A) in the Promoter Region of Cholesteryl Ester Transfer Protein Gene in Japanese Hyperalphalipoproteinemic Subjects, 985
Chronic and acute inflammation
New Evidence for Beneficial Effects of Statins Unrelated to Lipid Lowering, 3
Chylomicrons
Metabolic and Lifestyle Determinants of Postprandial Lipemia Differ From Those of Fasting Triglycerides: The Atherosclerosis Risk in Communities (ARIC) Study, 275
Postprandial Increase of Complement Component 3 in Normolipidemic Patients With Coronary Artery Disease: Effects of Expanded-Dose Simvastatin, 1526
Chymase
Mast Cell Chymase Induces Apoptosis of Vascular Smooth Muscle Cells, 516
Mast Cell Chymase Inhibits Smooth Muscle Cell Growth and Collagen Expression In Vitro: Transforming Growth Factor-β1-Dependent and -Independent Effects, 1928
***cis*-platinum**
Phenotypic Heterogeneity Influences Apoptotic Susceptibility to Retinoic Acid and *cis*-Platinum of Rat Arterial Smooth Muscle Cells In Vitro: Implications for the Evolution of Experimental Intimal Thickening, 1118
Classical pathway
Complement Components, but Not Complement Inhibitors, Are Up-regulated in Atherosclerotic Plaques, 1214
Coagulation
Coagulation Activity and Clinical Outcome in Unstable Coronary Artery Disease, 1059
Interactive Effect of *PAI-1* 4G/5G Genotype and Salt Intake on PAI-1 Antigen, 1071
Long-Chain n-3 Fatty Acids Specifically Affect Rat Coagulation Factors Dependent on Vitamin K: Relation to Peroxidative Stress, 459
Thrombomodulin Promoter Mutations, Venous Thrombosis, and Varicose Veins, 445
Collagen
Cadmium Accumulation in Aortas of Smokers, 863
Effect of γ-Irradiation and Bone Marrow Transplantation on Atherosclerosis in LDL Receptor-Deficient Mice, 1674
HSP47 Expression by Smooth Muscle Cells Is Increased During Arterial Development and Lesion Formation and Is Inhibited by Fibrillar Collagen, 40
Mast Cell Chymase Inhibits Smooth Muscle Cell Growth and Collagen Expression In Vitro: Transforming Growth Factor-β1-Dependent and -Independent Effects, 1928
Procoagulant Activity on Platelets Adhered to Collagen or Plasma Clot, 628
Common carotid artery stiffness
Long-Term Homocysteine-Lowering Treatment With Folic Acid Plus Pyridoxine Is Associated With Decreased Blood Pressure but Not With Improved Brachial Artery Endothelium-Dependent Vasodilation or Carotid Artery Stiffness: A 2-Year, Randomized, Placebo-Controlled Trial, 2072
Complement
Serum C3 but Not Plasma Acylation-Stimulating Protein Is Elevated in Finnish Patients With Familial Combined Hyperlipidemia, 838
Complement component 3
Postprandial Increase of Complement Component 3 in Normolipidemic Patients With Coronary Artery Disease: Effects of Expanded-Dose Simvastatin, 1526
Complex
In Vivo Complex Formation of Oxidized α_1-Antitrypsin and LDL, 1801
Variation in Human Platelet Glycoprotein VI Content Modulates Glycoprotein VI-Specific Prothrombinase Activity, 1857
Complex disease
Analysis of the Ileal Bile Acid Transporter Gene, *SLC10A2*, in Subjects With Familial Hypertriglyceridemia, 2039
Complex lesion
Does Therapeutic Intervention Achieve Slowing of Progression or Bona Fide Regression of Atherosclerotic Lesions? 183
Complicated lesions
Coronary Artery Complicated Lesion Area Is Related to Functional Polymorphism of *Matrix Metalloproteinase 9* Gene: An Autopsy Study, 1446
Congenital cardiovascular diseases
Cell Lineages and Tissue Boundaries in Cardiac Arterial and Venous Poles: Developmental Patterns, Animal Models, and Implications for Congenital Vascular Diseases, 312
Connexin43
Regional Differentiation of Desmin, Connexin43, and Connexin45 Expression Patterns in Rat Aortic Smooth Muscle, 355
Connexin45
Regional Differentiation of Desmin, Connexin43, and Connexin45 Expression Patterns in Rat Aortic Smooth Muscle, 355
Contact pathway
Phosphatidylethanolamine Participates in the Stimulation of the Contact System of Coagulation by Very-Low-Density Lipoproteins, 1695
Contractile function
Pretreatment With Simvastatin Attenuates Myocardial Dysfunction After Ischemia and Chronic Reperfusion, 2059
Controlled release
Formulation and Delivery Mode Affect Disposition and Activity of Tyrphostin-Loaded Nanoparticles in the Rat Carotid Model, 1434

Copper
Measurement of Copper-Binding Sites on Low Density Lipoprotein, 594
Corn trypsin inhibitor
Phosphatidylethanolamine Participates in the Stimulation of the Contact System of Coagulation by Very-Low-Density Lipoproteins, 1695
Coronary arteriosclerosis
Renal Insufficiency, Vitamin B_{12} Status, and Population Attributable Risk for Mild Hyperhomocysteinemia Among Coronary Artery Disease Patients in the Era of Folic Acid-Fortified Cereal Grain Flour, 849
Coronary artery bypass surgery
Interleukin-6 Gene −174G>C and −572G>C Promoter Polymorphisms Are Strong Predictors of Plasma Interleukin-6 Levels After Coronary Artery Bypass Surgery, 1458
Coronary artery calcification
Prevalence and Correlates of Coronary Calcification in Black and White Young Adults: The Coronary Artery Risk Development in Young Adults (CARDIA) Study, 852
Coronary artery disease
Antioxidant Supplements Block the Response of HDL to Simvastatin-Niacin Therapy in Patients With Coronary Artery Disease and Low HDL, 1320
Association Between P-Selectin Gene Polymorphisms and Soluble P-Selectin Levels and Their Relation to Coronary Artery Disease, 1668
Circulating Oxidized LDL Is a Useful Marker for Identifying Patients With Coronary Artery Disease, 844
Coronary Artery Complicated Lesion Area Is Related to Functional Polymorphism of *Matrix Metalloproteinase 9* Gene: An Autopsy Study, 1446
Effect of Acute and Chronic Tea Consumption on Platelet Aggregation in Patients With Coronary Artery Disease, 1084
Expression of Glutaredoxin in Human Coronary Arteries: Its Potential Role in Antioxidant Protection Against Atherosclerosis, 1483
Folate Improves Endothelial Function in Coronary Artery Disease: An Effect Mediated by Reduction of Intracellular Superoxide? 1196
Natural History and Topographic Pattern of Progression of Coronary Calcification in Symptomatic Patients: An Electron-Beam CT Study, 421
Plasma Fibrin D-Dimer Levels and Risk of Stable Coronary Artery Disease: Results of a Large Case-Control Study, 1701
Coronary atherosclerosis
Natural History and Topographic Pattern of Progression of Coronary Calcification in Symptomatic Patients: An Electron-Beam CT Study, 421
Coronary blood vessels
cAMP Signal Transduction Cascade, a Novel Pathway for the Regulation of Endothelial Nitric Oxide Production in Coronary Blood Vessels, 797
Coronary circulation
Interactions Between NO and cAMP in the Regulation of Vascular Tone, 729
Coronary heart disease
Cardiovascular Risk Factors Associated With Insulin Resistance Cluster in Families With Early-Onset Coronary Heart Disease, 1346
Current Infection With *Helicobacter pylori*, but Not Seropositivity to *Chlamydia pneumoniae* or Cytomegalovirus, Is Associated With an Atherogenic, Modified Lipid Profile, 427
Coronary remodeling
Increased NAD(P)H Oxidase and Reactive Oxygen Species in Coronary Arteries After Balloon Injury, 739
Coxsackie and adenovirus receptor
Vascular Cell Adhesion Molecule-1 Augments Adenovirus-Mediated Gene Transfer, 238
Cyclic strain
NO Modulates Monocyte Chemotactic Protein-1 Expression in Endothelial Cells Under Cyclic Strain, 1941
Cyclopentenone prostaglandins
Biphasic Effects of 15-Deoxy-$\Delta^{12,14}$-Prostaglandin J_2 on Glutathione Induction and Apoptosis in Human Endothelial Cells, 1846
Cystathionine beta-synthase deficiency
Vascular Outcome in Patients With Homocystinuria due to Cystathionine β-Synthase Deficiency Treated Chronically: A Multicenter Observational Study, 2080
Cysteinyl leukotrienes
Cysteinyl Leukotrienes Modulate Angiotensin II Constrictor Effects on Aortas From Streptozotocin-Induced Diabetic Rats, 1751
Cytokines
Immune Mechanisms in Atherosclerosis, 1876
Induction of Endothelial-Leukocyte Interaction by Interferon-γ Requires Coactivation of Nuclear Factor-κB, 227
Cytoskeleton
Cross-Linking of Brain Endothelial Intercellular Adhesion Molecule (ICAM)-1 Induces Association of ICAM-1 With Detergent-Insoluble Cytoskeletal Fraction, 810

D

D-dimer
Plasma Fibrin D-Dimer Levels and Risk of Stable Coronary Artery Disease: Results of a Large Case-Control Study, 1701
Decorin
Retroviral Overexpression of Decorin Differentially Affects the Response of Arterial Smooth Muscle Cells to Growth Factors, 777
Deep vein thrombosis
Neutrophil Enhancement of Fibrin Deposition Under Flow Through Platelet-Dependent and -Independent Mechanisms, 2093
Dendritic cells
Network of Vascular-Associated Dendritic Cells in Intima of Healthy Young Individuals, 503
Depolarization
Potassium Channel Function in Vascular Disease, 28
Desmin
Regional Differentiation of Desmin, Connexin43, and Connexin45 Expression Patterns in Rat Aortic Smooth Muscle, 355
Desmosines
Aortic Wall Mechanics and Composition in a Transgenic Mouse Model of Marfan Syndrome, 1184
Determinants
Renal Insufficiency, Vitamin B_{12} Status, and Population Attributable Risk for Mild Hyperhomocysteinemia Among Coronary Artery Disease Patients in the Era of Folic Acid-Fortified Cereal Grain Flour, 849
Development
Cell Lineages and Tissue Boundaries in Cardiac Arterial and Venous Poles: Developmental Patterns, Animal Models, and Implications for Congenital Vascular Diseases, 312
Diabetes mellitus
Cysteinyl Leukotrienes Modulate Angiotensin II Constrictor Effects on Aortas From Streptozotocin-Induced Diabetic Rats, 1751
Plasminogen Activator Inhibitor Type 1 Is Increased in the Arterial Wall of Type II Diabetic Subjects, 1378
Receptor for Advanced Glycation End Products Mediates Inflammation and Enhanced Expression of Tissue Factor in Vasculature of Diabetic Apolipoprotein E-Null Mice, 905
Superoxide Anions and Endothelial Cell Proliferation in Normoglycemia and Hyperglycemia, 195
Troglitazone Inhibits Formation of Early Atherosclerotic Lesions in Diabetic and Nondiabetic Low Density Lipoprotein Receptor-Deficient Mice, 365
Diagnosis
Circulating Oxidized LDL Is a Useful Marker for Identifying Patients With Coronary Artery Disease, 844
Diet
Lack of Triglyceride-Lowering Properties of Fish Oil in Apolipoprotein E-Deficient Mice, 401
Plasminogen Activator Inhibitor-1 and Relations to Fatty Acid Composition in the Diet and in Serum Cholesterol Esters, 2086
Dietary carbohydrate
Exercise Prevents the Accumulation of Triglyceride-Rich Lipoproteins and Their Remnants Seen When Chaging to a High-Carbohydrate Diet, 1520

Differentiation
Injury Induces Dedifferentiation of Smooth Muscle Cells and Increased Matrix-Degrading Metalloproteinase Activity in Human Saphenous Vein, 1146
Distribution
Distribution of Lipid Deposits Around Aortic Branches of Mice Lacking LDL Receptors and Apolipoprotein E, 1220
Disturbed flow
Population of the Vessel Wall by Leukocytes Binding to P-Selectin in a Model of Disturbed Arterial Flow, 1294
Drug treatment of hypertension
Aortic Pulse Wave Velocity Predicts Cardiovascular Mortality in Subjects >70 Years of Age, 2046
Drugs
Niacin, but Not Gemfibrozil, Selectively Increases LP-AI, a Cardioprotective Subfraction of HDL, in Patients With Low HDL Cholesterol, 1783

E

Early growth response factor
Lysophosphatidylcholine Induces Early Growth Response Factor-1 Expression and Activates the Core Promoter of PDGF-A Chain in Vascular Endothelial Cells, 771
Editorials
Absence of EC-SOD Does Not Promote Atherogenesis in Mice: Have We Lost Yet Another Player? 1387
An A+ for Macrophages in Reducing Atherosclerosis? 1710
Antiatherogenic Effects of Thiazolidinediones? 295
ApoA-II Versus ApoA-I: Two for One Is Not Always a Good Deal, 1870
Chemokines on the Rise: MCP-1 and Restenosis, 297
Contrasting Outcomes of Atheroma Evolution: Intimal Accumulation Versus Medial Destruction, 1389
Does Exercise Increase HDL Cholesterol in Those Who Need It the Most? 1097
Evaluating Atherosclerotic Lesions by Magnetic Resonance Imaging: From Dimensional to Compositional Quantitation, 1563
Familial Combined Hyperlipidemia and Insulin Resistance: Distant Relatives Linked by Intra-abdominal Fat? 469
The First Human Monoclonal Antibody to Oxidized LDL, 1254
Gene-Environment Interaction in the Expression of Antioxidant Status: A Role for Genes in the Relationship Between Smoking and Coronary Disease, 1102
Hormone Replacement Therapy and Endothelial Function: The Exception That Proves the Rule? 1867
Inducible NO Synthesis in the Vasculature: Molecular Context Defines Physiological Response, 1259
Lp A-I and Niacin: New Views of an Antiatherogenic Duo, 1707
NAD(P)H Oxidase: Marker of the Dedifferentiated Neointimal Smooth Muscle Cell? 175
Phospholipid Hydrolytic Enzymes in a 'Cesspool' of Arterial Intimal Lipoproteins: A Mechanism for Atherogenic Lipid Accumulation, 884
Plaque T-Cell Activity: Not So Specific? 1099
A Progress Report, 293
Statins Inhibit Leukocyte Recruitment: New Evidence for Their Anti-Inflammatory Properties, 1256
A Time to Stop Prescribing Antioxidant Vitamins to Prevent and Treat Heart Disease? 1253
Tumor Necrosis Factor Receptor and Ligand Superfamily Family Members TNFRSF14 and LIGHT: New Players in Human Atherogenesis, 1873
Elafin
Arterial Elastase Activity After Balloon Angioplasty and Effects of Elafin, an Elastase Inhibitor, 1269
Elastase
Arterial Elastase Activity After Balloon Angioplasty and Effects of Elafin, an Elastase Inhibitor, 1269
Elastase inducible nitric oxide synthase
Experimental Abdominal Aortic Aneurysms in Mice Lacking Expression of Inducible Nitric Oxide Synthase, 1393
Elastic fibers
Aortic Wall Mechanics and Composition in a Transgenic Mouse Model of Marfan Syndrome, 1184
Elastic modulus
Aortic Wall Mechanics and Composition in a Transgenic Mouse Model of Marfan Syndrome, 1184
Electron-beam computed tomography
Association of Multiple Risk Factors and Insulin Resistance With Increased Prevalence of Asymptomatic Coronary Artery Disease by an Electron-Beam Computed Tomographic Study, 2051
Natural History and Topographic Pattern of Progression of Coronary Calcification in Symptomatic Patients: An Electron-Beam CT Study, 421
Endogenous antibody
Endogenous Neutralizing Antibodies Against Platelet-Derived Growth Factor-AA Inhibit Atherogenesis in the Cholesterol-Fed Rabbit, 997
Endoprotease
Upregulatory Expression of Furin and Transforming Growth Factor-β by Fluid Shear Stress in Vascular Endothelial Cells, 785
Endothelial cells
3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibition Prevents Endothelial NO Synthase Downregulation by Atherogenic Levels of Native LDLs: Balance Between Transcriptional and Posttranscriptional Regulation, 804
Blood Flow Decrease Induces Apoptosis of Endothelial Cells in Previously Dilated Arteries Resulting From Chronic High Blood Flow, 1139
C-Type Natriuretic Peptide Induces Redifferentiation of Vascular Smooth Muscle Cells With Accelerated Reendothelialization, 930
Cellular Senescence After Single and Repeated Balloon Catheter Denudations of Rabbit Carotid Arteries, 220
Function of GATA Transcription Factors in Induction of Endothelial Vascular Cell Adhesion Molecule-1 by Tumor Necrosis Factor-α, 917
Impact of Apolipoprotein(a) on In Vitro Angiogenesis, 433
LDL-Activated p38 in Endothelial Cells Is Mediated by Ras, 1159
NO Modulates Monocyte Chemotactic Protein-1 Expression in Endothelial Cells Under Cyclic Strain, 1941
Oxidized LDL Regulates Vascular Endothelial Growth Factor Expression in Human Macrophages and Endothelial Cells Through Activation of Peroxisome Proliferator-Activated Receptor-γ, 560
Progesterone, but Not Medroxyprogesterone, Inhibits Vascular Cell Adhesion Molecule-1 Expression in Human Vascular Endothelial Cells, 243
Shear Stress Decreases Endothelial Cell Tissue Factor Activity by Augmenting Secretion of Tissue Factor Pathway Inhibitor, 157
Small GTP-Binding Protein Ral Modulates Regulated Exocytosis of von Willebrand Factor by Endothelial Cells, 899
Thromboregulation by Endothelial Cells: Significance for Occlusive Vascular Diseases, 178
Upregulatory Expression of Furin and Transforming Growth Factor-β by Fluid Shear Stress in Vascular Endothelial Cells, 785
VEGF Protects Against Oxidized LDL Toxicity to Endothelial Cells by an Intracellular Glutathione-Dependent Mechanism Through the KDR Receptor, 765
Endothelial function
Folate Improves Endothelial Function in Coronary Artery Disease: An Effect Mediated by Reduction of Intracellular Superoxide? 1196
Endothelial NO synthase
Endothelial NO Synthase Overexpression Inhibits Lesion Formation in Mouse Model of Vascular Remodeling, 201
Inducible NO Synthesis in the Vasculature: Molecular Context Defines Physiological Response, 1259
Induction of Endothelial NO Synthase by Hydrogen Peroxide via a Ca^{2+}/Calmodulin-Dependent Protein Kinase II/Janus Kinase 2-Dependent Pathway, 1571
Simvastatin Preserves Coronary Endothelial Function in Hypercholesterolemia in the Absence of Lipid Lowering, 122
Endothelial progenitor cells
Estrogen and Angiogenesis: A Review, 6
Endothelin-1
ACE Inhibitor and AT_1 Antagonist Blockade of Deformation-Induced Gene Expression in the Rabbit Jugular Vein Through B_2 Receptor Activation, 61

Chronic Blockade of Endothelin Receptors Improves Ischemia-Induced Angiogenesis in Rat Hindlimbs Through Activation of Vascular Endothelial Growth Factor-NO Pathway, 1598
Randomized, Double-Blind, Placebo-Controlled Study on Effects of Raloxifene and Hormone Replacement Therapy on Plasma NO Concentrations, Endothelin-1 Levels, and Endothelium-Dependent Vasodilation in Postmenopausal Women, 1512

Endothelium
Adenosine A_{2A} Receptor Stimulation Reduces Inflammation and Neointimal Growth in a Murine Carotid Ligation Model, 791
Adenovirus-Mediated Overexpression of Dominant-Negative Mutant of c-Jun Prevents Intercellular Adhesion Molecule-1 Induction by LDL: A Critical Role for Activator Protein-1 in Endothelial Activation, 1414
Biphasic Effects of 15-Deoxy-$\Delta^{12,14}$-Prostaglandin J_2 on Glutathione Induction and Apoptosis in Human Endothelial Cells, 1846
cAMP Signal Transduction Cascade, a Novel Pathway for the Regulation of Endothelial Nitric Oxide Production in Coronary Blood Vessels, 797
Cross-Linking of Brain Endothelial Intercellular Adhesion Molecule (ICAM)-1 Induces Association of ICAM-1 With Detergent-Insoluble Cytoskeletal Fraction, 810
Endothelial Dysfunction and Denudation in Rat Aortic Allografts, 67
Estrogen and Angiogenesis: A Review, 6
Flow-Induced Constriction in Arterioles of Hyperhomocysteinemic Rats Is Due to Impaired Nitric Oxide and Enhanced Thromboxane A_2 Mediation, 233
Induction of Endothelial-Leukocyte Interaction by Interferon-γ Requires Coactivation of Nuclear Factor-κB, 227
Mechanism of Endothelial Dysfunction in Apolipoprotein E-Deficient Mice, 1017
Pleiotropic Effects of 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibitors, 1712
Randomized, Double-Blind, Placebo-Controlled Study on Effects of Raloxifene and Hormone Replacement Therapy on Plasma NO Concentrations, Endothelin-1 Levels, and Endothelium-Dependent Vasodilation in Postmenopausal Women, 1512
Replacement of Dietary Saturated Fatty Acids by *Trans* Fatty Acids Lowers Serum HDL Cholesterol and Impairs Endothelial Function in Healthy Men and Women, 1233
Role of the Matrix Metalloproteinase and Plasminogen Activator-Plasmin Systems in Angiogenesis, 1104
Superoxide Anions and Endothelial Cell Proliferation in Normoglycemia and Hyperglycemia, 195
Thrombin Upregulates Tissue Transglutaminase in Endothelial Cells: A Potential Role for Tissue Transglutaminase in Stability of Atherosclerotic Plaque, 1689
Vascular Endothelial Cell Growth Factor-Driven Endothelial Tube Formation Is Mediated by Vascular Endothelial Cell Growth Factor Receptor-2, a Kinase Insert Domain-Containing Receptor, 1934

Endothelium-derived hyperpolarizing factor
Potassium Channel Function in Vascular Disease, 28

Endothelium/vascular type/nitric oxide
ACE Genotype and Endothelium-Dependent Vasodilation of Conduit Arteries and Forearm Microcirculation in Humans, 1313

Enzymatically degraded LDL
Enzymatically Degraded LDL Preferentially Binds to $CD14^{high}$ $CD16^{+}$ Monocytes and Induces Foam Cell Formation Mediated Only in Part by the Class B Scavenger-Receptor CD36, 1004

Epidemiology
Do Total and High Density Lipoprotein Cholesterol and Triglycerides Act Independently in the Prediction of Ischemic Heart Disease?: Ten-Year Follow-Up of Caerphilly and Speedwell Cohorts, 1340
Estrogen Replacement and Brachial Artery Flow-Mediated Vasodilation in Older Women, 1955

Epidermal growth factor receptor
cAMP Response Element-Binding Protein Mediates Thrombin-Induced Proliferation of Vascular Smooth Muscle Cells, 1764
Epidermal Growth Factor Receptor Transactivation by Angiotensin II Requires Reactive Oxygen Species in Vascular Smooth Muscle Cells, 489
Thrombin Induces Interleukin-6 Expression Through the cAMP Response Element in Vascular Smooth Muscle Cells, 1759

8-Epi-prostaglandin $F_{2\alpha}$
Consumption of Whole Grain and Legume Powder Reduces Insulin Demand, Lipid Peroxidation, and Plasma Homocysteine Concentrations in Patients With Coronary Artery Disease: Randomized Controlled Clinical Trial, 2065

ERK signaling pathway
Lysophosphatidylcholine Induces Early Growth Response Factor-1 Expression and Activates the Core Promoter of PDGF-A Chain in Vascular Endothelial Cells, 771

Erythrocytes
Electron Paramagnetic Resonance Investigation on Modulatory Effect of 17β-Estradiol on Membrane Fluidity of Erythrocytes in Postmenopausal Women, 1306

Estradiol
Catecholamines Abrogate Antimitogenic Effects of 2-Hydroxyestradiol on Human Aortic Vascular Smooth Muscle Cells, 1745

17β-Estradiol
Electron Paramagnetic Resonance Investigation on Modulatory Effect of 17β-Estradiol on Membrane Fluidity of Erythrocytes in Postmenopausal Women, 1306

Estrogen
Estrogen and Angiogenesis: A Review, 6

Exercise
Exercise Prevents the Accumulation of Triglyceride-Rich Lipoproteins and Their Remnants Seen When Chaging to a High-Carbohydrate Diet, 1520

Exercise training
Effects of Endurance Exercise Training on Plasma HDL Cholesterol Levels Depend on Levels of Triglycerides: Evidence From Men of the Health, Risk Factors, Exercise Training and Genetics (HERITAGE) Family Study, 1226

Experimental thrombosis
Intravenous Magnesium in Experimental Stent Thrombosis in Swine, 1544

Extracellular matrix
Cartilage Oligomeric Matrix Protein (Thrombospondin-5) Is Expressed by Human Vascular Smooth Muscle Cells, 47
Decreased Smooth Muscle Cell/Extracellular Matrix Ratio of Media of Femoral Artery in Patients With Atherosclerosis and Hyperhomocysteinemia, 573
Polylysine as a Vehicle for Extracellular Matrix-Targeted Local Drug Delivery, Providing High Accumulation and Long-Term Retention Within the Vascular Wall, 943
Retention of Oxidized LDL by Extracellular Matrix Proteoglycans Leads to Its Uptake by Macrophages: An Alternative Approach to Study Lipoproteins Cellular Uptake, 386
Role of the Matrix Metalloproteinase and Plasminogen Activator-Plasmin Systems in Angiogenesis, 1104

Extracellular matrix decorin
Retroviral Overexpression of Decorin Differentially Affects the Response of Arterial Smooth Muscle Cells to Growth Factors, 777

Extracellular signal-regulated kinase
Critical Role of Rho-Kinase and MEK/ERK Pathways for Angiotensin II-Induced Plasminogen Activator Inhibitor Type-1 Gene Expression, 868
Persistent Activation of Nuclear Factor-κB by Interleukin-1β and Subsequent Inducible NO Synthase Expression Requires Extracellular Signal-Regulated Kinase, 1915

Ezetimibe
Ezetimibe, a Potent Cholesterol Absorption Inhibitor, Inhibits the Development of Atherosclerosis in ApoE Knockout Mice, 2032

F

F_2-isoprostanes
Pro-Oxidant Effect of Vitamin E in Cigarette Smokers Consuming a High Polyunsaturated Fat Diet, 1029

Factor VIII
Elevated Factor VIII Levels and the Risk of Thrombosis, 731
Familial Clustering of High Factor VIII Levels in Patients With Venous Thromboembolism, 289

Factor XII
Phosphatidylethanolamine Participates in the Stimulation of the Contact System of Coagulation by Very-Low-Density Lipoproteins, 1695

Familial hypercholesterolemia
Determinants of Lipid Level Variability in French-Canadian Children With Familial Hypercholesterolemia, 979
Determinants of Variable Response to Statin Treatment in Patients With Refractory Familial Hypercholesterolemia, 832
Familial hyperlipidemia
Serum C3 but Not Plasma Acylation-Stimulating Protein Is Elevated in Finnish Patients With Familial Combined Hyperlipidemia, 838
Familial thrombosis
Familial Clustering of High Factor VIII Levels in Patients With Venous Thromboembolism, 289
Fas
Acute and Chronic Smooth Muscle Cell Apoptosis After Mechanical Vascular Injury Can Occur Independently of the Fas-Death Pathway, 1733
Human Blood-Derived Macrophages Induce Apoptosis in Human Plaque-Derived Vascular Smooth Muscle Cells by Fas-Ligand/Fas Interactions, 1402
Fatty acid composition
Plasminogen Activator Inhibitor-1 and Relations to Fatty Acid Composition in the Diet and in Serum Cholesterol Esters, 2086
Fatty acid transport
Protection From Obesity in Mice Lacking the VLDL Receptor, 1488
Fatty streaks
Does Therapeutic Intervention Achieve Slowing of Progression or Bona Fide Regression of Atherosclerotic Lesions? 183
Fetal loss
Preeclampsia and Fetal Loss in Women With a History of Venous Thromboembolism, 874
Fibrillin-1
Aortic Wall Mechanics and Composition in a Transgenic Mouse Model of Marfan Syndrome, 1184
Fibrin
Disaggregation of In Vitro Preformed Platelet-Rich Clots by Abciximab Increases Fibrin Exposure and Promotes Fibrinolysis, 142
Fibrin D-dimer
C-Reactive Protein, Fibrin D-Dimer, and Incident Ischemic Heart Disease in the Speedwell Study: Are Inflammation and Fibrin Turnover Linked in Pathogenesis? 603
Fibrinogen
Characterization of Polymorphic Structure of Cathepsin G Gene: Role in Cardiovascular and Cerebrovascular Diseases, 1538
Influence of Plasma Fibrinogen Levels on the Incidence of Myocardial Infarction and Death Is Modified by Other Inflammation-Sensitive Proteins: A Long-Term Cohort Study, 452
Plasma Fibrinogen as a Predictor of Total and Cause-Specific Mortality in Elderly Japanese-American Men, 1065
Fibrinolysis
Disaggregation of In Vitro Preformed Platelet-Rich Clots by Abciximab Increases Fibrin Exposure and Promotes Fibrinolysis, 142
Interactive Effect of *PAI-1* 4G/5G Genotype and Salt Intake on PAI-1 Antigen, 1071
Plasminogen Activator Inhibitor Type 1 Is Increased in the Arterial Wall of Type II Diabetic Subjects, 1378
Prospective Study of Fibrinolytic Factors and Incident Coronary Heart Disease: The Atherosclerosis Risk in Communities (ARIC) Study, 611
Fish oil
Lack of Triglyceride-Lowering Properties of Fish Oil in Apolipoprotein E-Deficient Mice, 401
Long-Chain n-3 Fatty Acids Specifically Affect Rat Coagulation Factors Dependent on Vitamin K: Relation to Peroxidative Stress, 459
Flavonoids
Effect of Acute and Chronic Tea Consumption on Platelet Aggregation in Patients With Coronary Artery Disease, 1084
Measurement of Copper-Binding Sites on Low Density Lipoprotein, 594
Flow cytometry
Differential Cell Cycle Progression Patterns of Infiltrating Leukocytes and Resident Cells After Balloon Injury of the Rat Carotid Artery, 1948
Phenotypic Heterogeneity Influences Apoptotic Susceptibility to Retinoic Acid and *cis*-Platinum of Rat Arterial Smooth Muscle Cells In Vitro: Implications for the Evolution of Experimental Intimal Thickening, 1118
Flow-induced response
Flow-Induced Constriction in Arterioles of Hyperhomocysteinemic Rats Is Due to Impaired Nitric Oxide and Enhanced Thromboxane A_2 Mediation, 233
Foam cells
Increased Cholesterol Efflux in Apolipoprotein AI (ApoAI)-Producing Macrophages as a Mechanism for Reduced Atherosclerosis in ApoAI$^{-/-}$ Mice, 1790
Increased Expression of Heme Oxygenase-1 and Bilirubin Accumulation in Foam Cells of Rabbit Atherosclerotic Lesions, 1373
Tumor Necrosis Factor Receptor Superfamily 14 Is Involved in Atherogenesis by Inducing Proinflammatory Cytokines and Matrix Metalloproteinases, 2004
Folic acid
Folate Improves Endothelial Function in Coronary Artery Disease: An Effect Mediated by Reduction of Intracellular Superoxide? 1196
Long-Term Homocysteine-Lowering Treatment With Folic Acid Plus Pyridoxine Is Associated With Decreased Blood Pressure but Not With Improved Brachial Artery Endothelium-Dependent Vasodilation or Carotid Artery Stiffness: A 2-Year, Randomized, Placebo-Controlled Trial, 2072
Free radicals
Expression of Glutaredoxin in Human Coronary Arteries: Its Potential Role in Antioxidant Protection Against Atherosclerosis, 1483
Furin
Upregulatory Expression of Furin and Transforming Growth Factor-β by Fluid Shear Stress in Vascular Endothelial Cells, 785
Fusion
Lipolysis of LDL by Human Secretory Phospholipase A_2 Induces Particle Fusion and Enhances the Retention of LDL to Human Aortic Proteoglycans, 1053

G

G proteins
Pleiotropic Effects of 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibitors, 1712
β-Galactosidase
Cellular Senescence After Single and Repeated Balloon Catheter Denudations of Rabbit Carotid Arteries, 220
GAS element
Identification of a γ-Interferon-Responsive Element in the Promoter of the Human Macrophage Scavenger Receptor A Gene, 825
Gas6
Phosphatidylinositol 3-OH Kinase-Akt/Protein Kinase B Pathway Mediates Gas6 Induction of Scavenger Receptor A in Immortalized Human Vascular Smooth Muscle Cell Line, 1592
Gastritis
High-Fat, High-Cholesterol Diet Increases the Incidence of Gastritis in LDL Receptor-Negative Mice, 991
GATA transcription factor
Function of GATA Transcription Factors in Induction of Endothelial Vascular Cell Adhesion Molecule-1 by Tumor Necrosis Factor-α, 917
Gene
Thrombomodulin Promoter Mutations, Venous Thrombosis, and Varicose Veins, 445
Gene expression
ACE Inhibitor and AT_1 Antagonist Blockade of Deformation-Induced Gene Expression in the Rabbit Jugular Vein Through B_2 Receptor Activation, 61
Adenovirus-Mediated Overexpression of Dominant-Negative Mutant of c-Jun Prevents Intercellular Adhesion Molecule-1 Induction by LDL: A Critical Role for Activator Protein-1 in Endothelial Activation, 1414
Pleiotropic Effects of 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibitors, 1712
Gene expression profiles
Identification of Differentially Regulated Genes in Mildly Hyperlipidemic ApoE3-Leiden Mice by Use of Serial Analysis of Gene Expression, 1984

Gene induction
Nitric Oxide Differentially Regulates Induction of Type II Nitric Oxide Synthase in Rat Vascular Smooth Muscle Cells Versus Macrophages, 529
Gene regulation
Allele-Specific Regulation of Matrix Metalloproteinase-7 Promoter Activity Is Associated With Coronary Artery Luminal Dimensions Among Hypercholesterolemic Patients, 1834
Increased Transcription of IL-8 in Endothelial Cells Is Differentially Regulated by TNF-α and Oxidized Phospholipids, 1585
Induction of Endothelial NO Synthase by Hydrogen Peroxide via a Ca^{2+}/Calmodulin-Dependent Protein Kinase II/Janus Kinase 2-Dependent Pathway, 1571
Gene targeting
Adhesion of Monocytes to Arterial Endothelium and Initiation of Atherosclerosis Are Critically Dependent on Vascular Cell Adhesion Molecule-1 Gene Dosage, 1662
Gene therapy
C-Type Natriuretic Peptide Induces Redifferentiation of Vascular Smooth Muscle Cells With Accelerated Reendothelialization, 930
Does Therapeutic Intervention Achieve Slowing of Progression or Bona Fide Regression of Atherosclerotic Lesions? 183
Inclusion of the E3 Region in an Adenoviral Vector Decreases Inflammation and Neointima Formation After Arterial Gene Transfer, 1777
L-Arginine Administration Reduces Neointima Formation After Stent Injury in Rats by a Nitric Oxide-Mediated Mechanism, 1604
Gene transfer
Local Gene Transfer of Tissue Inhibitor of Metalloproteinase-2 Influences Vein Graft Remodeling in a Mouse Model, 1275
Superoxide Anions and Endothelial Cell Proliferation in Normoglycemia and Hyperglycemia, 195
Genetic epidemiology
Genome Scan for Quantitative Trait Loci Linked to High-Density Lipoprotein Cholesterol: The NHLBI Family Heart Study, 1823
Genetic linkage
Genome-Wide Linkage Analysis of Lipids in the Hypertension Genetic Epidemiology Network (HyperGEN) Blood Pressure Study, 1969
Genome-Wide Linkage Analysis Reveals Evidence of Multiple Regions That Influence Variation in Plasma Lipid and Apolipoprotein Levels Associated With Risk of Coronary Heart Disease, 971
Genetic polymorphism
Characterization of Polymorphic Structure of Cathepsin G Gene: Role in Cardiovascular and Cerebrovascular Diseases, 1538
Interleukin-6 Gene −174G>C and −572G>C Promoter Polymorphisms Are Strong Predictors of Plasma Interleukin-6 Levels After Coronary Artery Bypass Surgery, 1458
Paraoxonase Status in Coronary Heart Disease: Are Activity and Concentration More Important Than Genotype? 1451
Genetically altered mice
Experimental Abdominal Aortic Aneurysms in Mice Lacking Expression of Inducible Nitric Oxide Synthase, 1393
Role of Sex Differences and Effects of Endothelial NO Synthase Deficiency in Responses of Carotid Arteries to Serotonin, 523
Genetics
Analysis of the Ileal Bile Acid Transporter Gene, *SLC10A2*, in Subjects With Familial Hypertriglyceridemia, 2039
Association Between P-Selectin Gene Polymorphisms and Soluble P-Selectin Levels and Their Relation to Coronary Artery Disease, 1668
Coronary Artery Complicated Lesion Area Is Related to Functional Polymorphism of *Matrix Metalloproteinase 9* Gene: An Autopsy Study, 1446
Genetic Contributions to Plasma Total Antioxidant Activity, 1190
Genetic Control of Coordinated Changes in HDL and LDL Size Phenotypes, 1829
Interactive Effect of *PAI-1* 4G/5G Genotype and Salt Intake on PAI-1 Antigen, 1071
Genome scan
Genome Scan for Quantitative Trait Loci Linked to High-Density Lipoprotein Cholesterol: The NHLBI Family Heart Study, 1823
Genome-Wide Linkage Analysis of Lipids in the Hypertension Genetic Epidemiology Network (HyperGEN) Blood Pressure Study, 1969
Geranylgeranylation
Downregulation of Angiotensin II Type 1 Receptor by Hydrophobic 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibitors in Vascular Smooth Muscle Cells, 1896
Glioblastomas
Expression of Angiopoietin-1 in Human Glioblastomas Regulates Tumor-Induced Angiogenesis: In Vivo and In Vitro Studies, 536
Glucose
Association of Multiple Risk Factors and Insulin Resistance With Increased Prevalence of Asymptomatic Coronary Artery Disease by an Electron-Beam Computed Tomographic Study, 2051
Glucose-insulin homeostasis
Elevated C-Reactive Protein: Another Component of the Atherothrombotic Profile of Abdominal Obesity, 961
Glutamate-cysteine ligase
Biphasic Effects of 15-Deoxy-$\Delta^{12,14}$-Prostaglandin J_2 on Glutathione Induction and Apoptosis in Human Endothelial Cells, 1846
Glutathione
Biphasic Effects of 15-Deoxy-$\Delta^{12,14}$-Prostaglandin J_2 on Glutathione Induction and Apoptosis in Human Endothelial Cells, 1846
Long-Term Smoking Causes Nitroglycerin Resistance in Platelets by Depletion of Intraplatelet Glutathione, 1852
VEGF Protects Against Oxidized LDL Toxicity to Endothelial Cells by an Intracellular Glutathione-Dependent Mechanism Through the KDR Receptor, 765
Glycation
Receptor for Advanced Glycation End Products Mediates Inflammation and Enhanced Expression of Tissue Factor in Vasculature of Diabetic Apolipoprotein E-Null Mice, 905
Glycoprotein IIb/IIIa inhibitors
Disaggregation of In Vitro Preformed Platelet-Rich Clots by Abciximab Increases Fibrin Exposure and Promotes Fibrinolysis, 142
Glycoprotein VI
Platelet Adhesion Enhances the Glycoprotein VI-Dependent Procoagulant Response: Involvement of p38 MAP Kinase and Calpain, 618
Variation in Human Platelet Glycoprotein VI Content Modulates Glycoprotein VI-Specific Prothrombinase Activity, 1857
Glycosaminoglycans
Myeloperoxidase and Hypochlorite, but Not Copper Ions, Oxidize Heparin-Bound LDL Particles and Release Them From Heparin, 1902
Graft
Endothelial Dysfunction and Denudation in Rat Aortic Allografts, 67
Graft failure
ACE Inhibitor and AT_1 Antagonist Blockade of Deformation-Induced Gene Expression in the Rabbit Jugular Vein Through B_2 Receptor Activation, 61
Growth factors/cytokines
Retinoids: New Insight Into Smooth Muscle Cell Growth Inhibition, 724
GTP-binding protein
Small GTP-Binding Protein Ral Modulates Regulated Exocytosis of von Willebrand Factor by Endothelial Cells, 899

H

HDL
Arg123-Tyr166 Domain of Human ApoA-I Is Critical for HDL-Mediated Inhibition of Macrophage Homing and Early Atherosclerosis in Mice, 1977
Biglycan, a Vascular Proteoglycan, Binds Differently to HDL_2 and HDL_3: Role of ApoE, 129
Effect of Probucol in Lecithin-Cholesterol Acyltransferase-Deficient Mice: Inhibition of 2 Independent Cellular Cholesterol-Releasing Pathways In Vivo, 394
Genome-Wide Linkage Analysis Reveals Evidence of Multiple Regions That Influence Variation in Plasma Lipid and Apolipoprotein Levels Associated With Risk of Coronary Heart Disease, 971
HDL and the Inflammatory Response Induced by LDL-Derived Oxidized Phospholipids, 481
Is Paraoxonase-3 Another HDL-Associated Protein Protective Against Atherosclerosis? 467
LDL Modified by Hypochlorous Acid Is a Potent Inhibitor of Lecithin-Cholesterol Acyltransferase Activity, 1040

Localization of Human ATP-Binding Cassette Transporter 1 (ABC1) in Normal and Atherosclerotic Tissues, 378
Paraoxonase and Atherosclerosis, 473
Paraoxonase1-192 Polymorphism Modulates the Nonfatal Myocardial Infarction Risk Associated With Decreased HDLs, 415
Replacement of Dietary Saturated Fatty Acids by *Trans* Fatty Acids Lowers Serum HDL Cholesterol and Impairs Endothelial Function in Healthy Men and Women, 1233

HDL cholesterol
Effects of Endurance Exercise Training on Plasma HDL Cholesterol Levels Depend on Levels of Triglycerides: Evidence From Men of the Health, Risk Factors, Exercise Training and Genetics (HERITAGE) Family Study, 1226
Genome Scan for Quantitative Trait Loci Linked to High-Density Lipoprotein Cholesterol: The NHLBI Family Heart Study, 1823

HDL particles
Antioxidant Supplements Block the Response of HDL to Simvastatin-Niacin Therapy in Patients With Coronary Artery Disease and Low HDL, 1320

HDL size distributions
Genetic Control of Coordinated Changes in HDL and LDL Size Phenotypes, 1829

Heat shock proteins
Activation of p38 Mitogen-Activated Protein Kinases by Endothelin and Noradrenaline in Small Arteries, Regulation by Calcium Influx and Tyrosine Kinases, and Their Role in Contraction, 1921
HSP47 Expression by Smooth Muscle Cells Is Increased During Arterial Development and Lesion Formation and Is Inhibited by Fibrillar Collagen, 40

Heat shock proteins 60 and 70
Temporal Expression of Heat Shock Proteins 60 and 70 at Lesion-Prone Sites During Atherogenesis in ApoE-Deficient Mice, 1991

Helix-loop-helix
A Role for an Alternatively Spliced Id3 Isoform in Vascular Lesions? 727

Helix-loop-helix factors
Vascular Injury Induces Posttranscriptional Regulation of the Id3 Gene: Cloning of a Novel Id3 Isoform Expressed During Vascular Lesion Formation in Rat and Human Atherosclerosis, 752

Heme oxygenase 1
Increased Expression of Heme Oxygenase-1 and Bilirubin Accumulation in Foam Cells of Rabbit Atherosclerotic Lesions, 1373

Hemostasis
Plasma Fibrin D-Dimer Levels and Risk of Stable Coronary Artery Disease: Results of a Large Case-Control Study, 1701

Heparin
Mechanism of Action and Pharmacology of Unfractionated Heparin, 1094

Hepatocytes
Fibrates Suppress Bile Acid Synthesis via Peroxisome Proliferator-Activated Receptor-α-Mediated Downregulation of Cholesterol 7α-Hydroxylase and Sterol 27-Hydroxylase Expression, 1840

Hirudin
Polylysine as a Vehicle for Extracellular Matrix-Targeted Local Drug Delivery, Providing High Accumulation and Long-Term Retention Within the Vascular Wall, 943

HMG-CoA inhibitors
New Evidence for Beneficial Effects of Statins Unrelated to Lipid Lowering, 3

HMG-CoA reductase
In Vivo Anti-Inflammatory Effect of Statins Is Mediated by Nonsterol Mevalonate Products, 1327
Simvastatin Has Anti-Inflammatory and Antiatherosclerotic Activities Independent of Plasma Cholesterol Lowering, 115

HMG-CoA reductase inhibitor
HMG-CoA Reductase Inhibitor Modulates Monocyte-Endothelial Cell Interaction Under Physiological Flow Conditions In Vitro: Involvement of Rho GTPase-Dependent Mechanism, 1165
3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibition Prevents Endothelial NO Synthase Downregulation by Atherogenic Levels of Native LDLs: Balance Between Transcriptional and Posttranscriptional Regulation, 804
Pleiotropic Effects of 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibitors, 1712

Homocysteine
Consumption of Whole Grain and Legume Powder Reduces Insulin Demand, Lipid Peroxidation, and Plasma Homocysteine Concentrations in Patients With Coronary Artery Disease: Randomized Controlled Clinical Trial, 2065
Dietary Supplementation With Methionine and Homocysteine Promotes Early Atherosclerosis but Not Plaque Rupture in ApoE-Deficient Mice, 1470
Does Homocysteine Promote Atherosclerosis? 1385
Flow-Induced Constriction in Arterioles of Hyperhomocysteinemic Rats Is Due to Impaired Nitric Oxide and Enhanced Thromboxane A_2 Mediation, 233
Folate Improves Endothelial Function in Coronary Artery Disease: An Effect Mediated by Reduction of Intracellular Superoxide? 1196
Long-Term Homocysteine-Lowering Treatment With Folic Acid Plus Pyridoxine Is Associated With Decreased Blood Pressure but Not With Improved Brachial Artery Endothelium-Dependent Vasodilation or Carotid Artery Stiffness: A 2-Year, Randomized, Placebo-Controlled Trial, 2072
Renal Insufficiency, Vitamin B_{12} Status, and Population Attributable Risk for Mild Hyperhomocysteinemia Among Coronary Artery Disease Patients in the Era of Folic Acid-Fortified Cereal Grain Flour, 849
Serum Homocysteine Levels Are Associated With the Development of (Micro)albuminuria: The Hoorn Study, 74
Vascular Outcome in Patients With Homocystinuria due to Cystathionine β-Synthase Deficiency Treated Chronically: A Multicenter Observational Study, 2080

Hormone replacement therapy
Randomized, Double-Blind, Placebo-Controlled Study on Effects of Raloxifene and Hormone Replacement Therapy on Plasma NO Concentrations, Endothelin-1 Levels, and Endothelium-Dependent Vasodilation in Postmenopausal Women, 1512

Hormones
Effect of Oral Postmenopausal Hormone Replacement on Progression of Atherosclerosis: A Randomized, Controlled Trial, 262

Human coronary smooth muscle cell
Retinoids Inhibit Proliferation of Human Coronary Smooth Muscle Cells by Modulating Cell Cycle Regulators, 746

Human endothelial cells
Alcohol Enhances Oxysterol-Induced Apoptosis in Human Endothelial Cells by a Calcium-Dependent Mechanism, 439

Human umbilical vein endothelial cells
Function of GATA Transcription Factors in Induction of Endothelial Vascular Cell Adhesion Molecule-1 by Tumor Necrosis Factor-α, 917
Prorenin Accumulation and Activation in Human Endothelial Cells: Importance of Mannose 6-Phosphate Receptors, 911

Humans
Chlamydia pneumoniae Proteins Induce Secretion of the 92-kDa Gelatinase by Human Monocyte-Derived Macrophages, 39

Hydrogen peroxide
Induction of Endothelial NO Synthase by Hydrogen Peroxide via a Ca^{2+}/Calmodulin-Dependent Protein Kinase II/Janus Kinase 2-Dependent Pathway, 1571
NO or H_2O_2 for Endothelium-Dependent Vasorelaxation: Tetrahydrobiopterin Makes the Difference, 719
Reactive Oxygen Species Mediate Endothelium-Dependent Relaxations in Tetrahydrobiopterin-Deficient Mice, 496

13-Hydroperoxyoctadecadienoic acid
Signaling Mechanisms of Nuclear Factor-κB-Mediated Activation of Inflammatory Genes by 13-Hydroperoxyoctadecadienoic Acid in Cultured Vascular Smooth Muscle Cells, 1408

3-Hydroxy-3-methylglutaryl coenzyme A reductase inhibitors
Downregulation of Angiotensin II Type 1 Receptor by Hydrophobic 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibitors in Vascular Smooth Muscle Cells, 1896

4-Hydroxy-2-nonenal
Genetic Contributions to Plasma Total Antioxidant Activity, 1190
HMG-CoA Reductase Inhibitors Prevent Migration of Human Coronary Smooth Muscle Cells Through Suppression of Increase in Oxidative Stress, 937
4-Hydroxynonenal Prevents NO Production in Vascular Smooth Muscle Cells by Inhibiting Nuclear Factor-κB-Dependent Transcriptional Activation of Inducible NO Synthase, 1179

Plasminogen Activator Inhibitor Type 1 Is Increased in the Arterial Wall of Type II Diabetic Subjects, 1378
Prospective Study of Fibrinolytic Factors and Incident Coronary Heart Disease: The Atherosclerosis Risk in Communities (ARIC) Study, 611

Hydroxymethylglutaryl coenzyme A reductase
Determinants of Variable Response to Statin Treatment in Patients With Refractory Familial Hypercholesterolemia, 832

Hyperalphalipoproteinemia
Point Mutation (−69 G→A) in the Promoter Region of Cholesteryl Ester Transfer Protein Gene in Japanese Hyperalphalipoproteinemic Subjects, 985

Hypercholesterolemia
Adhesion of Monocytes to Arterial Endothelium and Initiation of Atherosclerosis Are Critically Dependent on Vascular Cell Adhesion Molecule-1 Gene Dosage, 1662 Letters to the editor
Does Homocysteine Promote Atherosclerosis? 1385
Ezetimibe, a Potent Cholesterol Absorption Inhibitor, Inhibits the Development of Atherosclerosis in ApoE Knockout Mice, 2032
Markedly Elevated Lipid Transfer Inhibitor Protein in Hypercholesterolemic Subjects Is Mitigated by Plasma Triglyceride Levels, 1642
Molecular Analysis of Apo(a) Fragmentation in Polygenic Hypercholesterolemia: Characterization of a New Plasma Fragment Pattern, 1353
Potassium Channel Function in Vascular Disease, 28
Simvastatin Preserves Coronary Endothelial Function in Hypercholesterolemia in the Absence of Lipid Lowering, 122

Hyperhomocysteinemia
Decreased Smooth Muscle Cell/Extracellular Matrix Ratio of Media of Femoral Artery in Patients With Atherosclerosis and Hyperhomocysteinemia, 573
Does Homocysteine Promote Atherosclerosis? 1385

Hyperlipidemia
Effect of γ-Irradiation and Bone Marrow Transplantation on Atherosclerosis in LDL Receptor-Deficient Mice, 1674
Identification of Differentially Regulated Genes in Mildly Hyperlipidemic ApoE3-Leiden Mice by Use of Serial Analysis of Gene Expression, 1984
Relationship of Insulin Sensitivity and ApoB Levels to Intraabdominal Fat in Subjects With Familial Combined Hyperlipidemia, 567

Hyperpolarization
Potassium Channel Function in Vascular Disease, 28

Hypertension
Dysregulation of Extracellular Adenosine Levels by Vascular Smooth Muscle Cells From Spontaneously Hypertensive Rats, 249
Potassium Channel Function in Vascular Disease, 28
Relation of Blood Pressure Variability to Carotid Atherosclerosis and Carotid Artery and Left Ventricular Hypertrophy, 1507

Hypertriglyceridemia
Analysis of the Ileal Bile Acid Transporter Gene, *SLC10A2*, in Subjects With Familial Hypertriglyceridemia, 2039
Changes in Plasma Triglyceride Levels Shift Lipoprotein(a) Density in Parallel With That of LDL Independently of Apolipoprotein(a) Size, 1238

Hypertrophy
Relation of Blood Pressure Variability to Carotid Atherosclerosis and Carotid Artery and Left Ventricular Hypertrophy, 1507

Hypochlorite
Myeloperoxidase and Hypochlorite, but Not Copper Ions, Oxidize Heparin-Bound LDL Particles and Release Them From Heparin, 1902

Hypochlorous acid
LDL Modified by Hypochlorous Acid Is a Potent Inhibitor of Lecithin-Cholesterol Acyltransferase Activity, 1040

I

Ibandronate
Bisphosphonates Alendronate and Ibandronate Inhibit Artery Calcification at Doses Comparable to Those That Inhibit Bone Resorption, 817

Imaging
Another Calcium Paradox? 1561
Human-Derived Anti-Oxidized LDL Autoantibody Blocks Uptake of Oxidized LDL by Macrophages and Localizes to Atherosclerotic Lesions In Vivo, 1333

Immune deficiency
Effect of Immune Deficiency on Lipoproteins and Atherosclerosis in Male Apolipoprotein E-Deficient Mice, 1011

Immune system
New Evidence for Beneficial Effects of Statins Unrelated to Lipid Lowering, 3

Immunity
Tumor Necrosis Factor Receptor Superfamily 14 Is Involved in Atherogenesis by Inducing Proinflammatory Cytokines and Matrix Metalloproteinases, 2004

Immunization
LDL Immunization Induces T-Cell-Dependent Antibody Formation and Protection Against Atherosclerosis, 108

Immunofluorescence
Network of Vascular-Associated Dendritic Cells in Intima of Healthy Young Individuals, 503

Immunohistochemistry
Angiogenesis, Vascular Endothelial Growth Factor and Platelet-Derived Growth Factor-BB Expression, Iron Deposition, and Oxidation-Specific Epitopes in Stented Human Coronary Arteries, 1720
Expression of a SR-PSOX, Novel Cell-Surface Scavenger Receptor for Phosphatidylserine and Oxidized LDL in Human Atherosclerotic Lesions, 1796
Temporal Expression of Heat Shock Proteins 60 and 70 at Lesion-Prone Sites During Atherogenesis in ApoE-Deficient Mice, 1991

In situ hybridization
Angiogenesis, Vascular Endothelial Growth Factor and Platelet-Derived Growth Factor-BB Expression, Iron Deposition, and Oxidation-Specific Epitopes in Stented Human Coronary Arteries, 1720

In-stent-restenosis
Angiogenesis, Vascular Endothelial Growth Factor and Platelet-Derived Growth Factor-BB Expression, Iron Deposition, and Oxidation-Specific Epitopes in Stented Human Coronary Arteries, 1720

In vivo
New Evidence for Beneficial Effects of Statins Unrelated to Lipid Lowering, 3

Inducible NO synthase
Inducible NO Synthesis in the Vasculature: Molecular Context Defines Physiological Response, 1259

Infarct
Pretreatment With Simvastatin Attenuates Myocardial Dysfunction After Ischemia and Chronic Reperfusion, 2059

Infection
Current Infection With *Helicobacter pylori*, but Not Seropositivity to *Chlamydia pneumoniae* or Cytomegalovirus, Is Associated With an Atherogenic, Modified Lipid Profile, 427

Inflammation
Antibodies to Oxidized LDL in Relation to Carotid Atherosclerosis, Cell Adhesion Molecules, and Phospholipase A_2, 269
Characterization of a Mouse Model for Thrombomodulin Deficiency, 1531
Complement Components, but Not Complement Inhibitors, Are Up-regulated in Atherosclerotic Plaques, 1214
Differential Cell Cycle Progression Patterns of Infiltrating Leukocytes and Resident Cells After Balloon Injury of the Rat Carotid Artery, 1948
Elevated C-Reactive Protein Constitutes an Independent Predictor of Advanced Carotid Plaques in Dyslipidemic Subjects, 1962
High-Fat, High-Cholesterol Diet Increases the Incidence of Gastritis in LDL Receptor-Negative Mice, 991
Inclusion of the E3 Region in an Adenoviral Vector Decreases Inflammation and Neointima Formation After Arterial Gene Transfer, 1777
Induction of Endothelial-Leukocyte Interaction by Interferon-γ Requires Coactivation of Nuclear Factor-κB, 227
Influence of Plasma Fibrinogen Levels on the Incidence of Myocardial Infarction and Death Is Modified by Other Inflammation-Sensitive Proteins: A Long-Term Cohort Study, 452

Interleukin-6 Gene −174G>C and −572G>C Promoter Polymorphisms Are Strong Predictors of Plasma Interleukin-6 Levels After Coronary Artery Bypass Surgery, 1458
Is Visceral Adiposity the "Enemy Within"? 881
Plasma Fibrin D-Dimer Levels and Risk of Stable Coronary Artery Disease: Results of a Large Case-Control Study, 1701
Pleiotropic Effects of 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibitors, 1712
Pretreatment With Simvastatin Attenuates Myocardial Dysfunction After Ischemia and Chronic Reperfusion, 2059
Simvastatin Has Anti-Inflammatory and Antiatherosclerotic Activities Independent of Plasma Cholesterol Lowering, 115
Statins Inhibit Leukocyte Recruitment: New Evidence for Their Anti-Inflammatory Properties, 1256
Tamoxifen and Cardiac Risk Factors in Healthy Women: Suggestion of an Anti-inflammatory Effect, 255

Inflammatory mediators
Chlamydia pneumoniae Proteins Induce Secretion of the 92-kDa Gelatinase by Human Monocyte-Derived Macrophages, 39

Inflow tract
Cell Lineages and Tissue Boundaries in Cardiac Arterial and Venous Poles: Developmental Patterns, Animal Models, and Implications for Congenital Vascular Diseases, 312

Inherited thrombophilia
Familial Clustering of High Factor VIII Levels in Patients With Venous Thromboembolism, 289

Injury
Increased Rate of Apoptosis in Intimal Arterial Smooth Muscle Cells Through Endogenous Activation of TNF Receptors, 1909

Insulin
Association of Multiple Risk Factors and Insulin Resistance With Increased Prevalence of Asymptomatic Coronary Artery Disease by an Electron-Beam Computed Tomographic Study, 2051
Cysteinyl Leukotrienes Modulate Angiotensin II Constrictor Effects on Aortas From Streptozotocin-Induced Diabetic Rats, 1751
Insulin Inhibits the Maturation Phase of VLDL Assembly via a Phosphoinositide 3-Kinase-Mediated Event, 1656

Insulin demand
Consumption of Whole Grain and Legume Powder Reduces Insulin Demand, Lipid Peroxidation, and Plasma Homocysteine Concentrations in Patients With Coronary Artery Disease: Randomized Controlled Clinical Trial, 2065

Insulin-like growth factor
Insulin-Like Growth Factor Binding Protein-4 Protease Produced by Smooth Muscle Cells Increases in the Coronary Artery After Angioplasty, 335

Insulin resistance
Cardiovascular Risk Factors Associated With Insulin Resistance Cluster in Families With Early-Onset Coronary Heart Disease, 1346
Plasma Acylation Stimulating Protein Concentration and Subcutaneous Adipose Tissue C3 mRNA Expression in Nondiabetic and Type 2 Diabetic Men, 1034
Relationship of Insulin Sensitivity and ApoB Levels to Intra-abdominal Fat in Subjects With Familial Combined Hyperlipidemia, 567

Insulin resistance syndrome
Accumulation of Triglyceride-Rich Lipoprotein in Subjects With Abdominal Obesity: The Biguanides and the Prevention of the Risk of Obesity (BIGPRO) 1 Study, 407

β_2-Integrins
8-Iso-$PGF_{2\alpha}$ Induces β_2-Integrin-Mediated Rapid Adhesion of Human Polymorphonuclear Neutrophils: A Link Between Oxidative Stress and Ischemia/Reperfusion Injury, 55

Interaction
Do Total and High Density Lipoprotein Cholesterol and Triglycerides Act Independently in the Prediction of Ischemic Heart Disease?: Ten-Year Follow-Up of Caerphilly and Speedwell Cohorts, 1340

Intercellular adhesion molecule-1
Cross-Linking of Brain Endothelial Intercellular Adhesion Molecule (ICAM)-1 Induces Association of ICAM-1 With Detergent-Insoluble Cytoskeletal Fraction, 810

γ-Interferon
Identification of a γ-Interferon-Responsive Element in the Promoter of the Human Macrophage Scavenger Receptor A Gene, 825

Interleukin-1β
Persistent Activation of Nuclear Factor-κB by Interleukin-1β and Subsequent Inducible NO Synthase Expression Requires Extracellular Signal-Regulated Kinase, 1915

Interleukin-15
Interleukin-15 Expression in Atherosclerotic Plaques: An Alternative Pathway for T-Cell Activation in Atherosclerosis? 1208

Interleukin-6
Angiotensin II Administration to Atherosclerotic Mice Increases Macrophage Uptake of Oxidized LDL: A Possible Role for Interleukin-6, 1464
In Vivo Anti-Inflammatory Effect of Statins Is Mediated by Nonsterol Mevalonate Products, 1327
Interleukin-6 Gene −174G>C and −572G>C Promoter Polymorphisms Are Strong Predictors of Plasma Interleukin-6 Levels After Coronary Artery Bypass Surgery, 1458
Thrombin Induces Interleukin-6 Expression Through the cAMP Response Element in Vascular Smooth Muscle Cells, 1759

Intima
Acute and Chronic Smooth Muscle Cell Apoptosis After Mechanical Vascular Injury Can Occur Independently of the Fas-Death Pathway, 1733
Network of Vascular-Associated Dendritic Cells in Intima of Healthy Young Individuals, 503

Intima-media thickness
Antibodies to Oxidized LDL in Relation to Carotid Atherosclerosis, Cell Adhesion Molecules, and Phospholipase A_2, 269
Antibodies to Oxidized LDL in Relation to Intima-Media Thickness in Carotid and Femoral Arteries in 58-Year-Old Subjectively Clinically Healthy Men, 101
Elevated C-Reactive Protein Constitutes an Independent Predictor of Advanced Carotid Plaques in Dyslipidemic Subjects, 1962

Intimal thickening
Cultured Arterial Smooth Muscle Cells Maintain Distinct Phenotypes When Implanted Into Carotid Artery, 949
Endothelial NO Synthase Overexpression Inhibits Lesion Formation in Mouse Model of Vascular Remodeling, 201

Ischemia
Chronic Blockade of Endothelin Receptors Improves Ischemia-Induced Angiogenesis in Rat Hindlimbs Through Activation of Vascular Endothelial Growth Factor-NO Pathway, 1598

Ischemic heart disease
C-Reactive Protein, Fibrin D-Dimer, and Incident Ischemic Heart Disease in the Speedwell Study: Are Inflammation and Fibrin Turnover Linked in Pathogenesis? 603

8-Iso-$PGF_{2\alpha}$
8-Iso-$PGF_{2\alpha}$ Induces β_2-Integrin-Mediated Rapid Adhesion of Human Polymorphonuclear Neutrophils: A Link Between Oxidative Stress and Ischemia/Reperfusion Injury, 55
Lipoprotein Size and Atherosclerosis Susceptibility in *Apoe*$^{-/-}$ and *Ldlr*$^{-/-}$ Mice, 1567

Isoprostanes
Extracellular Superoxide Dismutase Deficiency and Atherosclerosis in Mice, 1477

J

JAK2
Reactive Oxygen Species Regulate Heat-Shock Protein 70 via the JAK/STAT Pathway, 321

Janus kinase 2
Induction of Endothelial NO Synthase by Hydrogen Peroxide via a Ca^{2+}/Calmodulin-Dependent Protein Kinase II/Janus Kinase 2-Dependent Pathway, 1571

K

Kinase insert domain-containing receptor
Vascular Endothelial Cell Growth Factor-Driven Endothelial Tube Formation Is Mediated by Vascular Endothelial Cell Growth Factor Receptor-2, a Kinase Insert Domain-Containing Receptor, 1934

Kininogen
Kininostatin, an Angiogenic Inhibitor, Inhibits Proliferation and Induces Apoptosis of Human Endothelial Cells, 1427

Kininostatin
Kininostatin, an Angiogenic Inhibitor, Inhibits Proliferation and Induces Apoptosis of Human Endothelial Cells, 1427
Knockout mice
Distribution of Lipid Deposits Around Aortic Branches of Mice Lacking LDL Receptors and Apolipoprotein E, 1220
Kringle
Impact of Apolipoprotein(a) on In Vitro Angiogenesis, 433

L

LDL
3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibition Prevents Endothelial NO Synthase Downregulation by Atherogenic Levels of Native LDLs: Balance Between Transcriptional and Posttranscriptional Regulation, 804
Adenovirus-Mediated Overexpression of Dominant-Negative Mutant of c-Jun Prevents Intercellular Adhesion Molecule-1 Induction by LDL: A Critical Role for Activator Protein-1 in Endothelial Activation, 1414
Allele-Specific Regulation of Matrix Metalloproteinase-7 Promoter Activity Is Associated With Coronary Artery Luminal Dimensions Among Hypercholesterolemic Patients, 1834
Changes in Expression of Antioxidant Enzymes Affect Cell-Mediated LDL Oxidation and Oxidized LDL-Induced Apoptosis in Mouse Aortic Cells, 1131
Extracellular Superoxide Dismutase Deficiency and Atherosclerosis in Mice, 1477
HDL and the Inflammatory Response Induced by LDL-Derived Oxidized Phospholipids, 481
In Vivo Complex Formation of Oxidized α_1-Antitrypsin and LDL, 1801
LDL-Activated p38 in Endothelial Cells Is Mediated by Ras, 1159
LDL Immunization Induces T-Cell-Dependent Antibody Formation and Protection Against Atherosclerosis, 108
LDL Modified by Hypochlorous Acid Is a Potent Inhibitor of Lecithin-Cholesterol Acyltransferase Activity, 1040
Lipolysis of LDL by Human Secretory Phospholipase A_2 Induces Particle Fusion and Enhances the Retention of LDL to Human Aortic Proteoglycans, 1053
Measurement of Copper-Binding Sites on Low Density Lipoprotein, 594
Myeloperoxidase and Hypochlorite, but Not Copper Ions, Oxidize Heparin-Bound LDL Particles and Release Them From Heparin, 1902
Overexpression of Inducible Heat Shock Protein 70 in COS-1 Cells Fails to Protect From Cytotoxicity of Oxidized LDLs, 348
Pleiotropic Effects of 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibitors, 1712
Pro-Oxidant Effect of Vitamin E in Cigarette Smokers Consuming a High Polyunsaturated Fat Diet, 1029
LDL density
Changes in Plasma Triglyceride Levels Shift Lipoprotein(a) Density in Parallel With That of LDL Independently of Apolipoprotein(a) Size, 1238
LDL oxidation
Is the Emperor Wearing Clothes?: Clinical Trials of Vitamin E and LDL Oxidation Hypothesis, 1261
LDL receptor
Distribution of Lipid Deposits Around Aortic Branches of Mice Lacking LDL Receptors and Apolipoprotein E, 1220
Lipoprotein Size and Atherosclerosis Susceptibility in *Apoe*$^{-/-}$ and *Ldlr*$^{-/-}$ Mice, 1567
LR11, a Mosaic LDL Receptor Family Member, Mediates the Uptake of ApoE-Rich Lipoproteins In Vitro, 1501
Role of Arterial Wall Antioxidant Defense in Beneficial Effects of Exercise on Atherosclerosis in Mice, 1681
LDL size distributions
Genetic Control of Coordinated Changes in HDL and LDL Size Phenotypes, 1829
Lecithin-cholesterol acyltransferase
Effect of Probucol in Lecithin-Cholesterol Acyltransferase-Deficient Mice: Inhibition of 2 Independent Cellular Cholesterol-Releasing Pathways In Vivo, 394
LDL Modified by Hypochlorous Acid Is a Potent Inhibitor of Lecithin-Cholesterol Acyltransferase Activity, 1040
Lesion instability
Discrimination of Human Coronary Artery Atherosclerotic Lipid-Rich Lesions by Time-Resolved Laser-Induced Fluorescence Spectroscopy, 1244
Letters to the editor
Antioxidant Supplements and Simvastatin-Niacin Therapy, 2099. Response to letter, 2099
Donor Splice-Site Mutation (210+1G_C) in the ApoB Gene Causes a Very Low Level of ApoB-100 and LDL Cholesterol, 1864
Elevated Circulating Levels of Monocyte Chemoattractant Protein-1 in Patients With Restenosis After Coronary Angioplasty, 1090. Response to letter, 1090
Familial Combined Hyperlipidemia and Insulin Resistance, 2100. Response to letter, 2100
No Relationship Between Compensatory Arterial Remodeling of Focal Stenotic Atherosclerotic Lesions and Tortuosity of the Arterial Segment Involved, 1383
Thromboregulation by Endothelial Cells: Significance for Occlusive Vascular Diseases, 1251. Response to letter, 1251
Leukocytes
Adenosine A_{2A} Receptor Stimulation Reduces Inflammation and Neointimal Growth in a Murine Carotid Ligation Model, 791
Population of the Vessel Wall by Leukocytes Binding to P-Selectin in a Model of Disturbed Arterial Flow, 1294
Statins Inhibit Leukocyte Recruitment: New Evidence for Their Anti-Inflammatory Properties, 1256
Linseed oil
Long-Chain n-3 Fatty Acids Specifically Affect Rat Coagulation Factors Dependent on Vitamin K: Relation to Peroxidative Stress, 459
Lipases
High Density Lipoproteins and Arteriosclerosis: Role of Cholesterol Efflux and Reverse Cholesterol Transport, 13
Lipid-lowering therapy
Effects of Prolonged Intensive Lipid-Lowering Therapy on the Characteristics of Carotid Atherosclerotic Plaques In Vivo by MRI: A Case-Control Study, 1623
Lipid-lowering treatment
Raman Spectroscopic Evaluation of the Effects of Diet and Lipid-Lowering Therapy on Atherosclerotic Plaque Development in Mice, 1630
Lipid metabolism
Increased Transcription of IL-8 in Endothelial Cells Is Differentially Regulated by TNF-α and Oxidized Phospholipids, 1585
Lipid oxidation
Pro-Oxidant Effect of Vitamin E in Cigarette Smokers Consuming a High Polyunsaturated Fat Diet, 1029
Lipid peroxidation
Paraoxonase and Atherosclerosis, 473
Lipid transfer inhibitor protein
Markedly Elevated Lipid Transfer Inhibitor Protein in Hypercholesterolemic Subjects Is Mitigated by Plasma Triglyceride Levels, 1642
Lipid transfer proteins
High Density Lipoproteins and Arteriosclerosis: Role of Cholesterol Efflux and Reverse Cholesterol Transport, 13
Lipids
Boning Up (or Down) on Statins, 1565
Current Infection With *Helicobacter pylori*, but Not Seropositivity to *Chlamydia pneumoniae* or Cytomegalovirus, Is Associated With an Atherogenic, Modified Lipid Profile, 427
Do Total and High Density Lipoprotein Cholesterol and Triglycerides Act Independently in the Prediction of Ischemic Heart Disease?: Ten-Year Follow-Up of Caerphilly and Speedwell Cohorts, 1340
Genome-Wide Linkage Analysis of Lipids in the Hypertension Genetic Epidemiology Network (HyperGEN) Blood Pressure Study, 1969
HMG-CoA Reductase Inhibitors Prevent Migration of Human Coronary Smooth Muscle Cells Through Suppression of Increase in Oxidative Stress, 937
Lipoprotein assembly
Mice Expressing Only the Mutant APOE3Leiden Gene Show Impaired VLDL Secretion, 1366

Lipoprotein assembly/secretion
2000 George Lyman Duff Memorial Lecture: Atherosclerosis Is a Liver Disease of the Heart, 887
Lipoprotein lipase
Lack of Triglyceride-Lowering Properties of Fish Oil in Apolipoprotein E-Deficient Mice, 401
Macrophage-Specific Expression of Human Lipoprotein Lipase Accelerates Atherosclerosis in Transgenic Apolipoprotein E Knockout Mice but Not in C57BL/6 Mice, 1809
Lipoprotein-lipid profile
Elevated C-Reactive Protein: Another Component of the Atherothrombotic Profile of Abdominal Obesity, 961
Lipoprotein metabolism
Markedly Elevated Lipid Transfer Inhibitor Protein in Hypercholesterolemic Subjects Is Mitigated by Plasma Triglyceride Levels, 1642
Lipoprotein particles
Accumulation of Triglyceride-Rich Lipoprotein in Subjects With Abdominal Obesity: The Biguanides and the Prevention of the Risk of Obesity (BIGPRO) 1 Study, 407
Lipoprotein secretion
Mice Expressing Only the Mutant APOE3Leiden Gene Show Impaired VLDL Secretion, 1366
Lipoprotein subfractions
Proatherogenic Role of Elevated CE Transfer From HDL to $VLDL_1$ and Dense LDL in Type 2 Diabetes: Impact of the Degree of Triglyceridemia, 282
Lipoprotein(a)
Lipoprotein(a) and Atherosclerosis, 1
Lipoprotein(a) cardiovascular pathogenicity
Changes in Plasma Triglyceride Levels Shift Lipoprotein(a) Density in Parallel With That of LDL Independently of Apolipoprotein(a) Size, 1238
Lipoprotein(a) density
Changes in Plasma Triglyceride Levels Shift Lipoprotein(a) Density in Parallel With That of LDL Independently of Apolipoprotein(a) Size, 1238
Lipoproteins
Antioxidant Supplements Block the Response of HDL to Simvastatin-Niacin Therapy in Patients With Coronary Artery Disease and Low HDL, 1320
Circulating Autoantibodies to Oxidized LDL Correlate With Arterial Accumulation and Depletion of Oxidized LDL in LDL Receptor-Deficient Mice, 95
Circulating Oxidized LDL Is a Useful Marker for Identifying Patients With Coronary Artery Disease, 844
Dietary Plant Stanol Esters Reduce VLDL Cholesterol Secretion and Bile Saturation in Apolipoprotein E*3-Leiden Transgenic Mice, 1046
Differential Metabolism of Human VLDL According to Content of ApoE and ApoC-III, 1494
Effect of Immune Deficiency on Lipoproteins and Atherosclerosis in Male Apolipoprotein E-Deficient Mice, 1011
Exercise Prevents the Accumulation of Triglyceride-Rich Lipoproteins and Their Remnants Seen When Chaging to a High-Carbohydrate Diet, 1520
Expression of a SR-PSOX, Novel Cell-Surface Scavenger Receptor for Phosphatidylserine and Oxidized LDL in Human Atherosclerotic Lesions, 1796
Human-Derived Anti-Oxidized LDL Autoantibody Blocks Uptake of Oxidized LDL by Macrophages and Localizes to Atherosclerotic Lesions In Vivo, 1333
Lack of Triglyceride-Lowering Properties of Fish Oil in Apolipoprotein E-Deficient Mice, 401
Metabolic and Lifestyle Determinants of Postprandial Lipemia Differ From Those of Fasting Triglycerides: The Atherosclerosis Risk in Communities (ARIC) Study, 275
Niacin, but Not Gemfibrozil, Selectively Increases LP-AI, a Cardioprotective Subfraction of HDL, in Patients With Low HDL Cholesterol, 1783
Oxidized LDL Modulates Bax/Bcl-2 Through the Lectinlike Ox-LDL Receptor-1 in Vascular Smooth Muscle Cells, 955
Replacement of Dietary Saturated Fatty Acids by *Trans* Fatty Acids Lowers Serum HDL Cholesterol and Impairs Endothelial Function in Healthy Men and Women, 1233
Transforming Growth Factor-β1 Inhibits Macrophage Cholesteryl Ester Accumulation Induced by Native and Oxidized VLDL Remnants, 2011
Transgenic Rabbits Expressing Human Apolipoprotein(a) Develop More Extensive Atherosclerotic Lesions in Response to a Cholesterol-Rich Diet, 88
Troglitazone Inhibits Atherosclerosis in Apolipoprotein E-Knockout Mice: Pleiotropic Effects on CD36 Expression and HDL, 372
Liver lipid metabolism
Dietary Plant Stanol Esters Reduce VLDL Cholesterol Secretion and Bile Saturation in Apolipoprotein E*3-Leiden Transgenic Mice, 1046
Local delivery
Formulation and Delivery Mode Affect Disposition and Activity of Tyrphostin-Loaded Nanoparticles in the Rat Carotid Model, 1434
Local drug delivery
Polylysine as a Vehicle for Extracellular Matrix-Targeted Local Drug Delivery, Providing High Accumulation and Long-Term Retention Within the Vascular Wall, 943
Longitudinal studies
Sustained Anxiety and 4-Year Progression of Carotid Atherosclerosis, 136
Losartan
Angiotensin II Administration to Atherosclerotic Mice Increases Macrophage Uptake of Oxidized LDL: A Possible Role for Interleukin-6, 1464
Low HDL
Antioxidant Supplements Block the Response of HDL to Simvastatin-Niacin Therapy in Patients With Coronary Artery Disease and Low HDL, 1320
Lp(a)
Impact of Apolipoprotein(a) on In Vitro Angiogenesis, 433
Molecular Analysis of Apo(a) Fragmentation in Polygenic Hypercholesterolemia: Characterization of a New Plasma Fragment Pattern, 1353
Lumen
Vascular Endothelial Cell Growth Factor-Driven Endothelial Tube Formation Is Mediated by Vascular Endothelial Cell Growth Factor Receptor-2, a Kinase Insert Domain-Containing Receptor, 1934
Lysophosphatidylcholine
Lysophosphatidylcholine Induces Early Growth Response Factor-1 Expression and Activates the Core Promoter of PDGF-A Chain in Vascular Endothelial Cells, 771
Lysosomal enzymes
Apoptotic Death of Inflammatory Cells in Human Atheroma, 1124

M

Macrophage activation
Identification of a γ-Interferon-Responsive Element in the Promoter of the Human Macrophage Scavenger Receptor A Gene, 825
Macrophage homing
Arg123-Tyr166 Domain of Human ApoA-I Is Critical for HDL-Mediated Inhibition of Macrophage Homing and Early Atherosclerosis in Mice, 1977
Macrophages
Chlamydia pneumoniae Proteins Induce Secretion of the 92-kDa Gelatinase by Human Monocyte-Derived Macrophages, 39
Angiotensin II Administration to Atherosclerotic Mice Increases Macrophage Uptake of Oxidized LDL: A Possible Role for Interleukin-6, 1464
CD11b/CD18 Mediates Production of Reactive Oxygen Species by Mouse and Human Macrophages Adherent to Matrixes Containing Oxidized LDL, 1301
Effect of γ-Irradiation and Bone Marrow Transplantation on Atherosclerosis in LDL Receptor-Deficient Mice, 1674
Expression of a SR-PSOX, Novel Cell-Surface Scavenger Receptor for Phosphatidylserine and Oxidized LDL in Human Atherosclerotic Lesions, 1796
Human Blood-Derived Macrophages Induce Apoptosis in Human Plaque-Derived Vascular Smooth Muscle Cells by Fas-Ligand/Fas Interactions, 1402
In Vivo Complex Formation of Oxidized α_1-Antitrypsin and LDL, 1801

Increased Cholesterol Efflux in Apolipoprotein AI (ApoAI)-Producing Macrophages as a Mechanism for Reduced Atherosclerosis in ApoAI$^{(-/-)}$ Mice, 1790
Interleukin-15 Expression in Atherosclerotic Plaques: An Alternative Pathway for T-Cell Activation in Atherosclerosis? 1208
Linked Chromosome 16q13 Chemokines, Macrophage-Derived Chemokine, Fractalkine, and Thymus- and Activation-Regulated Chemokine, Are Expressed in Human Atherosclerotic Lesions, 923
Macrophage-Specific Expression of Human Lipoprotein Lipase Accelerates Atherosclerosis in Transgenic Apolipoprotein E Knockout Mice but Not in C57BL/6 Mice, 1809
Nitric Oxide Differentially Regulates Induction of Type II Nitric Oxide Synthase in Rat Vascular Smooth Muscle Cells Versus Macrophages, 529
Oral Magnesium Supplementation Induces Favorable Antiatherogenic Changes in ApoE-Deficient Mice, 858
Oxidized LDL Regulates Vascular Endothelial Growth Factor Expression in Human Macrophages and Endothelial Cells Through Activation of Peroxisome Proliferator-Activated Receptor-γ, 560
Retention of Oxidized LDL by Extracellular Matrix Proteoglycans Leads to Its Uptake by Macrophages: An Alternative Approach to Study Lipoproteins Cellular Uptake, 386
Sterol Efflux Mediated by Endogenous Macrophage ApoE Expression Is Independent of ABCA1, 2019
Transforming Growth Factor-β1 Inhibits Macrophage Cholesteryl Ester Accumulation Induced by Native and Oxidized VLDL Remnants, 2011

Magnesium
Oral Magnesium Supplementation Induces Favorable Antiatherogenic Changes in ApoE-Deficient Mice, 858

Malondialdehyde
Consumption of Whole Grain and Legume Powder Reduces Insulin Demand, Lipid Peroxidation, and Plasma Homocysteine Concentrations in Patients With Coronary Artery Disease: Randomized Controlled Clinical Trial, 2065

Mannose 6-phosphate receptors
Prorenin Accumulation and Activation in Human Endothelial Cells: Importance of Mannose 6-Phosphate Receptors, 911

MAP-kinase
Involvement of Rho-Kinase and the Actin Filament Network in Angiotensin II-Induced Contraction and Extracellular Signal-Regulated Kinase Activity in Intact Rat Mesenteric Resistance Arteries, 1288

Mast cells
Mast Cell Chymase Induces Apoptosis of Vascular Smooth Muscle Cells, 516

Matrilysin
Allele-Specific Regulation of Matrix Metalloproteinase-7 Promoter Activity Is Associated With Coronary Artery Luminal Dimensions Among Hypercholesterolemic Patients, 1834

Matrix-degrading metalloproteinases
Injury Induces Dedifferentiation of Smooth Muscle Cells and Increased Matrix-Degrading Metalloproteinase Activity in Human Saphenous Vein, 1146

Matrix Gla protein
Osteoprotegerin Inhibits Artery Calcification Induced by Warfarin and by Vitamin D, 1610

Matrix metalloproteinase-7
Allele-Specific Regulation of Matrix Metalloproteinase-7 Promoter Activity Is Associated With Coronary Artery Luminal Dimensions Among Hypercholesterolemic Patients, 1834

Matrix metalloproteinase 9
Coronary Artery Complicated Lesion Area Is Related to Functional Polymorphism of *Matrix Metalloproteinase 9* Gene: An Autopsy Study, 1446

Matrix metalloproteinases
Local Gene Transfer of Tissue Inhibitor of Metalloproteinase-2 Influences Vein Graft Remodeling in a Mouse Model, 1275
Persistence of Atherosclerotic Plaque but Reduced Aneurysm Formation in Mice With Stromelysin-1 (MMP-3) Gene Inactivation, 1440
Raloxifene-Mediated Increase in Matrix Metalloproteinase-1 Production by Activated Monocytes, 1265
Tumor Necrosis Factor Receptor Superfamily 14 Is Involved in Atherogenesis by Inducing Proinflammatory Cytokines and Matrix Metalloproteinases, 2004

Medroxyprogesterone
Progesterone, but Not Medroxyprogesterone, Inhibits Vascular Cell Adhesion Molecule-1 Expression in Human Vascular Endothelial Cells, 243

Membrane fluidity
Electron Paramagnetic Resonance Investigation on Modulatory Effect of 17β-Estradiol on Membrane Fluidity of Erythrocytes in Postmenopausal Women, 1306

Menopause
Catecholamines Abrogate Antimitogenic Effects of 2-Hydroxyestradiol on Human Aortic Vascular Smooth Muscle Cells, 1745

Metabolism
Differential Metabolism of Human VLDL According to Content of ApoE and ApoC-III, 1494

Metalloproteinase
Role of the Matrix Metalloproteinase and Plasminogen Activator-Plasmin Systems in Angiogenesis, 1104

Methoxyestradiol
Catecholamines Abrogate Antimitogenic Effects of 2-Hydroxyestradiol on Human Aortic Vascular Smooth Muscle Cells, 1745

Methylmethacrylate embedding
Angiogenesis, Vascular Endothelial Growth Factor and Platelet-Derived Growth Factor-BB Expression, Iron Deposition, and Oxidation-Specific Epitopes in Stented Human Coronary Arteries, 1720

5-Methyltetrahydrofolate
Folate Improves Endothelial Function in Coronary Artery Disease: An Effect Mediated by Reduction of Intracellular Superoxide? 1196
Do Total and High Density Lipoprotein Cholesterol and Triglycerides Act Independently in the Prediction of Ischemic Heart Disease?: Ten-Year Follow-Up of Caerphilly and Speedwell Cohorts, 1340
Effects of Endurance Exercise Training on Plasma HDL Cholesterol Levels Depend on Levels of Triglycerides: Evidence From Men of the Health, Risk Factors, Exercise Training and Genetics (HERITAGE) Family Study, 1226
Paraoxonase Status in Coronary Heart Disease: Are Activity and Concentration More Important Than Genotype? 1451
Prevalence and Correlates of Coronary Calcification in Black and White Young Adults: The Coronary Artery Risk Development in Young Adults (CARDIA) Study, 852

Mevalonate
Downregulation of Angiotensin II Type 1 Receptor by Hydrophobic 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibitors in Vascular Smooth Muscle Cells, 1896

Mexican Americans
Genetic Control of Coordinated Changes in HDL and LDL Size Phenotypes, 1829

Mice
Oral Magnesium Supplementation Induces Favorable Antiatherogenic Changes in ApoE-Deficient Mice, 858
Role of Sex Differences and Effects of Endothelial NO Synthase Deficiency in Responses of Carotid Arteries to Serotonin, 523
Simvastatin Has Anti-Inflammatory and Antiatherosclerotic Activities Independent of Plasma Cholesterol Lowering, 115

Microalbuminuria
Serum Homocysteine Levels Are Associated With the Development of (Micro)albuminuria: The Hoorn Study, 74

Microsatellite mutation
Microsatellite Mutation of Type II Transforming Growth Factor-β Receptor Is Rare in Atherosclerotic Plaques, 555

Microsomal triglyceride transfer protein
2000 George Lyman Duff Memorial Lecture: Atherosclerosis Is a Liver Disease of the Heart, 887
Lipoprotein Size and Atherosclerosis Susceptibility in *Apoe*$^{-/-}$ and *Ldlr*$^{-/-}$ Mice, 1567

Mitogen-activated protein kinase
cAMP Response Element-Binding Protein Mediates Thrombin-Induced Proliferation of Vascular Smooth Muscle Cells, 1764
Signaling Mechanisms of Nuclear Factor-κB-Mediated Activation of Inflammatory Genes by 13-Hydroperoxyoctadecadienoic Acid in Cultured Vascular Smooth Muscle Cells, 1408

MM-LDL
Human Paraoxonase-3 Is an HDL-Associated Enzyme With Biological Activity Similar to Paraoxonase-1 Protein but Is Not Regulated by Oxidized Lipids, 542
Moderate energy restriction
Energy Restriction and Weight Loss on Very-Low-Fat Diets Reduce C-Reactive Protein Concentrations in Obese, Healthy Women, 968
Monoclonal antibody
In Vivo Complex Formation of Oxidized α_1-Antitrypsin and LDL, 1801
Monocyte adhesion
Pulsatile Flow Regulates Monocyte Adhesion to Oxidized Lipid-Induced Endothelial Cells, 1770
Monocyte chemoattractant protein-1
Elevated Circulating Levels of Monocyte Chemoattractant Protein-1 in Patients With Restenosis After Coronary Angioplasty, 327
Pulsatile Flow Regulates Monocyte Adhesion to Oxidized Lipid-Induced Endothelial Cells, 1770
Monocytes
Chlamydia pneumoniae Proteins Induce Secretion of the 92-kDa Gelatinase by Human Monocyte-Derived Macrophages, 39
Adhesion of Monocytes to Arterial Endothelium and Initiation of Atherosclerosis Are Critically Dependent on Vascular Cell Adhesion Molecule-1 Gene Dosage, 1662
Elevated Circulating Levels of Monocyte Chemoattractant Protein-1 in Patients With Restenosis After Coronary Angioplasty, 327
HMG-CoA Reductase Inhibitor Modulates Monocyte-Endothelial Cell Interaction Under Physiological Flow Conditions In Vitro: Involvement of Rho GTPase-Dependent Mechanism, 1165
Raloxifene-Mediated Increase in Matrix Metalloproteinase-1 Production by Activated Monocytes, 1265
Monocytes/macrophages
Myosin Light Chain Kinase Regulates Capacitative Ca^{2+} Entry in Human Monocytes/Macrophages, 509
Mortality
Plasma Fibrinogen as a Predictor of Total and Cause-Specific Mortality in Elderly Japanese-American Men, 1065
Mouse model
Local Gene Transfer of Tissue Inhibitor of Metalloproteinase-2 Influences Vein Graft Remodeling in a Mouse Model, 1275
Mouth diseases
Relationship of Periodontal Disease to Carotid Artery Intima-Media Wall Thickness: The Atherosclerosis Risk in Communities (ARIC) Study, 1816
MRI
Effects of Prolonged Intensive Lipid-Lowering Therapy on the Characteristics of Carotid Atherosclerotic Plaques In Vivo by MRI: A Case-Control Study, 1623
In Vivo Magnetic Resonance Imaging of Experimental Thrombosis in a Rabbit Model, 1556
Muscle, smooth
Cadmium Accumulation in Aortas of Smokers, 863
Nitric Oxide Differentially Regulates Induction of Type II Nitric Oxide Synthase in Rat Vascular Smooth Muscle Cells Versus Macrophages, 529
Mutation
Point Mutation (−69 G→A) in the Promoter Region of Cholesteryl Ester Transfer Protein Gene in Japanese Hyperalphalipoproteinemic Subjects, 985
Myeloperoxidase
Myeloperoxidase and Hypochlorite, but Not Copper Ions, Oxidize Heparin-Bound LDL Particles and Release Them From Heparin, 1902
Myocardial infarction
Another Calcium Paradox? 1561
Characterization of Polymorphic Structure of Cathepsin G Gene: Role in Cardiovascular and Cerebrovascular Diseases, 1538
Coagulation Activity and Clinical Outcome in Unstable Coronary Artery Disease, 1059
Influence of Plasma Fibrinogen Levels on the Incidence of Myocardial Infarction and Death Is Modified by Other Inflammation-Sensitive Proteins: A Long-Term Cohort Study, 452
Paraoxonase1-192 Polymorphism Modulates the Nonfatal Myocardial Infarction Risk Associated With Decreased HDLs, 415
Relationship of Clinical Presentation and Calcification of Culprit Coronary Artery Stenoses, 1618
Myosin light chain kinase
Myosin Light Chain Kinase Regulates Capacitative Ca^{2+} Entry in Human Monocytes/Macrophages, 509

N

NADPH oxidase
Increased NAD(P)H Oxidase and Reactive Oxygen Species in Coronary Arteries After Balloon Injury, 739
NO Modulates Monocyte Chemotactic Protein-1 Expression in Endothelial Cells Under Cyclic Strain, 1941
S17834, a New Inhibitor of Cell Adhesion and Atherosclerosis That Targets NADPH Oxidase, 1577
Nanoparticles
Formulation and Delivery Mode Affect Disposition and Activity of Tyrphostin-Loaded Nanoparticles in the Rat Carotid Model, 1434
Necrosis
Overexpression of Inducible Heat Shock Protein 70 in COS-1 Cells Fails to Protect From Cytotoxicity of Oxidized LDLs, 348
Neointima
Cellular Senescence After Single and Repeated Balloon Catheter Denudations of Rabbit Carotid Arteries, 220
HSP47 Expression by Smooth Muscle Cells Is Increased During Arterial Development and Lesion Formation and Is Inhibited by Fibrillar Collagen, 40
Neointima formation
L-Arginine Administration Reduces Neointima Formation After Stent Injury in Rats by a Nitric Oxide-Mediated Mechanism, 1604
Nephropathy
Receptor for Advanced Glycation End Products Mediates Inflammation and Enhanced Expression of Tissue Factor in Vasculature of Diabetic Apolipoprotein E-Null Mice, 905
Neutrophils
8-Iso-$PGF_{2\alpha}$ Induces β_2-Integrin-Mediated Rapid Adhesion of Human Polymorphonuclear Neutrophils: A Link Between Oxidative Stress and Ischemia/Reperfusion Injury, 55
Nitric oxide
4-Hydroxynonenal Prevents NO Production in Vascular Smooth Muscle Cells by Inhibiting Nuclear Factor-κB-Dependent Transcriptional Activation of Inducible NO Synthase, 1179
ACE Inhibitor and AT_1 Antagonist Blockade of Deformation-Induced Gene Expression in the Rabbit Jugular Vein Through B_2 Receptor Activation, 61
cAMP Signal Transduction Cascade, a Novel Pathway for the Regulation of Endothelial Nitric Oxide Production in Coronary Blood Vessels, 797
Chronic Blockade of Endothelin Receptors Improves Ischemia-Induced Angiogenesis in Rat Hindlimbs Through Activation of Vascular Endothelial Growth Factor-NO Pathway, 1598
Electron Paramagnetic Resonance Investigation on Modulatory Effect of 17β-Estradiol on Membrane Fluidity of Erythrocytes in Postmenopausal Women, 1306
Endogenous Nitric Oxide and Prostaglandins Synergistically Counteract Thromboembolism in Arterioles but Not in Venules, 163
Endothelial NO Synthase Overexpression Inhibits Lesion Formation in Mouse Model of Vascular Remodeling, 201
Flow-Induced Constriction in Arterioles of Hyperhomocysteinemic Rats Is Due to Impaired Nitric Oxide and Enhanced Thromboxane A_2 Mediation, 233
Interactions Between NO and cAMP in the Regulation of Vascular Tone, 729
Mechanism of Endothelial Dysfunction in Apolipoprotein E-Deficient Mice, 1017
Pretreatment With Simvastatin Attenuates Myocardial Dysfunction After Ischemia and Chronic Reperfusion, 2059
Randomized, Double-Blind, Placebo-Controlled Study on Effects of Raloxifene and Hormone Replacement Therapy on Plasma NO Concentrations, Endothelin-1 Levels, and Endothelium-Dependent Vasodilation in Postmenopausal Women, 1512
Simvastatin Preserves Coronary Endothelial Function in Hypercholesterolemia in the Absence of Lipid Lowering, 122

Nitric oxide donors
Nitric Oxide Differentially Regulates Induction of Type II Nitric Oxide Synthase in Rat Vascular Smooth Muscle Cells Versus Macrophages, 529
Nitric oxide synthase
Interactions Between NO and cAMP in the Regulation of Vascular Tone, 729
L-Arginine Administration Reduces Neointima Formation After Stent Injury in Rats by a Nitric Oxide-Mediated Mechanism, 1604
Nitric Oxide Differentially Regulates Induction of Type II Nitric Oxide Synthase in Rat Vascular Smooth Muscle Cells Versus Macrophages, 529
NO or H_2O_2 for Endothelium-Dependent Vasorelaxation: Tetrahydrobiopterin Makes the Difference, 719
Nitroglycerin
Long-Term Smoking Causes Nitroglycerin Resistance in Platelets by Depletion of Intraplatelet Glutathione, 1852
Nitroprusside
NO-Dependent Vasorelaxation Is Impaired After Gene Transfer of Inducible NO Synthase, 1281
NO-dependent relaxation
NO-Dependent Vasorelaxation Is Impaired After Gene Transfer of Inducible NO Synthase, 1281
NO synthase
3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibition Prevents Endothelial NO Synthase Downregulation by Atherogenic Levels of Native LDLs: Balance Between Transcriptional and Posttranscriptional Regulation, 804
Persistent Activation of Nuclear Factor-κB by Interleukin-1β and Subsequent Inducible NO Synthase Expression Requires Extracellular Signal-Regulated Kinase, 1915
Reactive Oxygen Species Mediate Endothelium-Dependent Relaxations in Tetrahydrobiopterin-Deficient Mice, 496
Role of Arterial Wall Antioxidant Defense in Beneficial Effects of Exercise on Atherosclerosis in Mice, 1681
Role of Sex Differences and Effects of Endothelial NO Synthase Deficiency in Responses of Carotid Arteries to Serotonin, 523
Non-HDL cholesterol
Effect of Statin Therapy on Remnant Lipoprotein Cholesterol Levels in Patients With Combined Hyperlipidemia, 2026
Non-insulin-dependent diabetes mellitus
Serum Homocysteine Levels Are Associated With the Development of (Micro)albuminuria: The Hoorn Study, 74
Nuclear factor-κB
4-Hydroxynonenal Prevents NO Production in Vascular Smooth Muscle Cells by Inhibiting Nuclear Factor-κB-Dependent Transcriptional Activation of Inducible NO Synthase, 1179
Nitric Oxide Differentially Regulates Induction of Type II Nitric Oxide Synthase in Rat Vascular Smooth Muscle Cells Versus Macrophages, 529
Persistent Activation of Nuclear Factor-κB by Interleukin-1β and Subsequent Inducible NO Synthase Expression Requires Extracellular Signal-Regulated Kinase, 1915
Signaling Mechanisms of Nuclear Factor-κB-Mediated Activation of Inflammatory Genes by 13-Hydroperoxyoctadecadienoic Acid in Cultured Vascular Smooth Muscle Cells, 1408
Nuclear receptor
Induction of Nuclear Orphan Receptor NGFI-B Gene and Apoptosis in Rat Vascular Smooth Muscle Cells Treated With Pyrrolidinedithiocarbamate, 1738
Nutrition
Lack of Triglyceride-Lowering Properties of Fish Oil in Apolipoprotein E-Deficient Mice, 401

O

Obesity
Energy Restriction and Weight Loss on Very-Low-Fat Diets Reduce C-Reactive Protein Concentrations in Obese, Healthy Women, 968
Is Visceral Adiposity the "Enemy Within"? 881
Plasma Acylation Stimulating Protein Concentration and Subcutaneous Adipose Tissue C3 mRNA Expression in Nondiabetic and Type 2 Diabetic Men, 1034
Protection From Obesity in Mice Lacking the VLDL Receptor, 1488
Relationship of Insulin Sensitivity and ApoB Levels to Intraabdominal Fat in Subjects With Familial Combined Hyperlipidemia, 567
Osteoclastogenesis
Differential Expression of Bone Matrix Regulatory Proteins in Human Atherosclerotic Plaques, 1998
Osteogenesis
Differential Expression of Bone Matrix Regulatory Proteins in Human Atherosclerotic Plaques, 1998
Osteoporosis
Boning Up (or Down) on Statins, 1565
Osteoprotegerin
Osteoprotegerin Inhibits Artery Calcification Induced by Warfarin and by Vitamin D, 1610
Outflow tract
Cell Lineages and Tissue Boundaries in Cardiac Arterial and Venous Poles: Developmental Patterns, Animal Models, and Implications for Congenital Vascular Diseases, 312
Ox-LDL
Antibodies to Oxidized LDL in Relation to Carotid Atherosclerosis, Cell Adhesion Molecules, and Phospholipase A_2, 269
Oxidation
Dietary Cosupplementation With Vitamin E and Coenzyme Q_{10} Inhibits Atherosclerosis in Apolipoprotein E Gene Knockout Mice, 585
Extracellular Superoxide Dismutase Deficiency and Atherosclerosis in Mice, 1477
Myeloperoxidase and Hypochlorite, but Not Copper Ions, Oxidize Heparin-Bound LDL Particles and Release Them From Heparin, 1902
Paraoxonase Status in Coronary Heart Disease: Are Activity and Concentration More Important Than Genotype? 1451
Oxidative stress
Arg123-Tyr166 Domain of Human ApoA-I Is Critical for HDL-Mediated Inhibition of Macrophage Homing and Early Atherosclerosis in Mice, 1977
Bioavailability of Vitamin E as Function of Food Intake in Healthy Subjects: Effects on Plasma Peroxide-Scavenging Activity and Cholesterol-Oxidation Products, 1617
Role of Arterial Wall Antioxidant Defense in Beneficial Effects of Exercise on Atherosclerosis in Mice, 1681
Oxidized 1-palmitoyl-2-arachidonoyl-*sn*-glycero-3-phosphorylcholine
Pulsatile Flow Regulates Monocyte Adhesion to Oxidized Lipid-Induced Endothelial Cells, 1770
Oxidized LDL
Angiotensin II Administration to Atherosclerotic Mice Increases Macrophage Uptake of Oxidized LDL: A Possible Role for Interleukin-6, 1464
Antibodies to Oxidized LDL in Relation to Intima-Media Thickness in Carotid and Femoral Arteries in 58-Year-Old Subjectively Clinically Healthy Men, 101
CD11b/CD18 Mediates Production of Reactive Oxygen Species by Mouse and Human Macrophages Adherent to Matrixes Containing Oxidized LDL, 1301
Retention of Oxidized LDL by Extracellular Matrix Proteoglycans Leads to Its Uptake by Macrophages: An Alternative Approach to Study Lipoproteins Cellular Uptake, 386
Signaling Mechanisms of Nuclear Factor-κB-Mediated Activation of Inflammatory Genes by 13-Hydroperoxyoctadecadienoic Acid in Cultured Vascular Smooth Muscle Cells, 1408
Oxidized LDL lipoproteins
VEGF Protects Against Oxidized LDL Toxicity to Endothelial Cells by an Intracellular Glutathione-Dependent Mechanism Through the KDR Receptor, 765
Oxidized lipids
Human Paraoxonase-3 Is an HDL-Associated Enzyme With Biological Activity Similar to Paraoxonase-1 Protein but Is Not Regulated by Oxidized Lipids, 542
Oxidized pholpholipids
HDL and the Inflammatory Response Induced by LDL-Derived Oxidized Phospholipids, 481
Oxysterols
Alcohol Enhances Oxysterol-Induced Apoptosis in Human Endothelial Cells by a Calcium-Dependent Mechanism, 439

Apoptotic Death of Inflammatory Cells in Human Atheroma, 1124
Bioavailability of Vitamin E as Function of Food Intake in Healthy Subjects: Effects on Plasma Peroxide-Scavenging Activity and Cholesterol-Oxidation Products, 1617

P

P-selectin
Association Between P-Selectin Gene Polymorphisms and Soluble P-Selectin Levels and Their Relation to Coronary Artery Disease, 1668
Neutrophil Enhancement of Fibrin Deposition Under Flow Through Platelet-Dependent and -Independent Mechanisms, 2093
Population of the Vessel Wall by Leukocytes Binding to P-Selectin in a Model of Disturbed Arterial Flow, 1294

$P21^{Waf1/Cip1}$
Tranilast Inhibits Cardiac Allograft Vasculopathy in Association With $p21^{Waf1/Cip1}$ Expression on Neointimal Cells in Murine Cardiac Transplantation Model, 1172

P27
Role of Sp1 in the Induction of p27 Gene Expression in Vascular Smooth Muscle Cells In Vitro and After Balloon Angioplasty, 342

$P27^{Kip1}$, Rb
Retinoids Inhibit Proliferation of Human Coronary Smooth Muscle Cells by Modulating Cell Cycle Regulators, 746

P38
LDL-Activated p38 in Endothelial Cells Is Mediated by Ras, 1159

P53
Mitogen-Induced p53 Downregulation Precedes Vascular Smooth Muscle Cell Migration From Healthy Tunica Media and Proliferation, 214

Paraoxonase
Human Paraoxonase-3 Is an HDL-Associated Enzyme With Biological Activity Similar to Paraoxonase-1 Protein but Is Not Regulated by Oxidized Lipids, 542
Is Paraoxonase-3 Another HDL-Associated Protein Protective Against Atherosclerosis? 467
Paraoxonase and Atherosclerosis, 473
Paraoxonase Status in Coronary Heart Disease: Are Activity and Concentration More Important Than Genotype? 1451
Paraoxonase1-192 Polymorphism Modulates the Nonfatal Myocardial Infarction Risk Associated With Decreased HDLs, 415

Pathology
Angiogenesis, Vascular Endothelial Growth Factor and Platelet-Derived Growth Factor-BB Expression, Iron Deposition, and Oxidation-Specific Epitopes in Stented Human Coronary Arteries, 1720

Pathophysiology
Immune Mechanisms in Atherosclerosis, 1876

PEA3/ETS binding site
Point Mutation (−69 G→A) in the Promoter Region of Cholesteryl Ester Transfer Protein Gene in Japanese Hyperalphalipoproteinemic Subjects, 985

Periodontal disease
Relationship of Periodontal Disease to Carotid Artery Intima-Media Wall Thickness: The Atherosclerosis Risk in Communities (ARIC) Study, 1816

Periodontitis
Relationship of Periodontal Disease to Carotid Artery Intima-Media Wall Thickness: The Atherosclerosis Risk in Communities (ARIC) Study, 1816

Peroxisome proliferator-activated receptor-γ
Oxidized LDL Regulates Vascular Endothelial Growth Factor Expression in Human Macrophages and Endothelial Cells Through Activation of Peroxisome Proliferator-Activated Receptor-γ, 560
Troglitazone Inhibits Atherosclerosis in Apolipoprotein E-Knockout Mice: Pleiotropic Effects on CD36 Expression and HDL, 372

Pharmacology
Troglitazone Inhibits Formation of Early Atherosclerotic Lesions in Diabetic and Nondiabetic Low Density Lipoprotein Receptor-Deficient Mice, 365

Phosphatidylethanolamine
Phosphatidylethanolamine Participates in the Stimulation of the Contact System of Coagulation by Very-Low-Density Lipoproteins, 1695

Phosphoinositide 3-kinase
Cell Cycle Protein Expression in Vascular Smooth Muscle Cells In Vitro and In Vivo Is Regulated Through Phosphatidylinositol 3-Kinase and Mammalian Target of Rapamycin, 1152
Insulin Inhibits the Maturation Phase of VLDL Assembly via a Phosphoinositide 3-Kinase-Mediated Event, 1656

Phospholipases
Lipolysis of LDL by Human Secretory Phospholipase A_2 Induces Particle Fusion and Enhances the Retention of LDL to Human Aortic Proteoglycans, 1053

Phospholipid transfer protein
Proatherogenic Role of Elevated CE Transfer From HDL to $VLDL_1$ and Dense LDL in Type 2 Diabetes: Impact of the Degree of Triglyceridemia, 282

Photodynamic therapy
Photodynamic Therapy With Motexafin Lutetium Induces Redox-Sensitive Apoptosis of Vascular Cells, 759

Plant sterols
Dietary Plant Stanol Esters Reduce VLDL Cholesterol Secretion and Bile Saturation in Apolipoprotein E*3-Leiden Transgenic Mice, 1046

Plaque
Another Calcium Paradox? 1561
In Vivo Magnetic Resonance Imaging of Experimental Thrombosis in a Rabbit Model, 1556
Raloxifene-Mediated Increase in Matrix Metalloproteinase-1 Production by Activated Monocytes, 1265

Plaque instability
Apoptotic Death of Inflammatory Cells in Human Atheroma, 1124

Plaque rupture
Dietary Supplementation With Methionine and Homocysteine Promotes Early Atherosclerosis but Not Plaque Rupture in ApoE-Deficient Mice, 1470

Plaque stability
Pleiotropic Effects of 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibitors, 1712

Plasma proteins
Influence of Plasma Fibrinogen Levels on the Incidence of Myocardial Infarction and Death Is Modified by Other Inflammation-Sensitive Proteins: A Long-Term Cohort Study, 452

Plasminogen
Role of the Matrix Metalloproteinase and Plasminogen Activator-Plasmin Systems in Angiogenesis, 1104

Plasminogen activator inhibitor-1
Adrenomedullin Inhibits Angiotensin II-Induced Expression of Tissue Factor and Plasminogen Activator Inhibitor-1 in Cultured Rat Aortic Endothelial Cells, 1078
Plasminogen Activator Inhibitor-1 and Relations to Fatty Acid Composition in the Diet and in Serum Cholesterol Esters, 2086

Plasminogen activator inhibitor type-1
Critical Role of Rho-Kinase and MEK/ERK Pathways for Angiotensin II-Induced Plasminogen Activator Inhibitor Type-1 Gene Expression, 868
Plasminogen Activator Inhibitor Type 1 Is Increased in the Arterial Wall of Type II Diabetic Subjects, 1378

Platelet adhesion
Procoagulant Activity on Platelets Adhered to Collagen or Plasma Clot, 628

Platelet aggregation
Effect of Acute and Chronic Tea Consumption on Platelet Aggregation in Patients With Coronary Artery Disease, 1084

Platelet-derived growth factor
Lysophosphatidylcholine Induces Early Growth Response Factor-1 Expression and Activates the Core Promoter of PDGF-A Chain in Vascular Endothelial Cells, 771

Platelet-derived growth factor-AA
Endogenous Neutralizing Antibodies Against Platelet-Derived Growth Factor-AA Inhibit Atherogenesis in the Cholesterol-Fed Rabbit, 997

Platelets
Comparative Antiplatelet Efficacy of a Novel, Nonpeptide GPIIb/IIIa Antagonist (XV454) and Abciximab (c7E3) in Flow Models of Thrombosis, 149
Disaggregation of In Vitro Preformed Platelet-Rich Clots by Abciximab Increases Fibrin Exposure and Promotes Fibrinolysis, 142
Intravenous Magnesium in Experimental Stent Thrombosis in Swine, 1544
Long-Term Smoking Causes Nitroglycerin Resistance in Platelets by Depletion of Intraplatelet Glutathione, 1852
Platelet Adhesion Enhances the Glycoprotein VI-Dependent Procoagulant Response: Involvement of p38 MAP Kinase and Calpain, 618
Pleiotropic Effects of 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibitors, 1712
Thromboregulation by Endothelial Cells: Significance for Occlusive Vascular Diseases, 178
Variation in Human Platelet Glycoprotein VI Content Modulates Glycoprotein VI-Specific Prothrombinase Activity, 1857
Polylysine
Polylysine as a Vehicle for Extracellular Matrix-Targeted Local Drug Delivery, Providing High Accumulation and Long-Term Retention Within the Vascular Wall, 943
Polymorphism
Allele-Specific Regulation of Matrix Metalloproteinase-7 Promoter Activity Is Associated With Coronary Artery Luminal Dimensions Among Hypercholesterolemic Patients, 1834
Association Between P-Selectin Gene Polymorphisms and Soluble P-Selectin Levels and Their Relation to Coronary Artery Disease, 1668
Coronary Artery Complicated Lesion Area Is Related to Functional Polymorphism of *Matrix Metalloproteinase 9* Gene: An Autopsy Study, 1446
Variation in Human Platelet Glycoprotein VI Content Modulates Glycoprotein VI-Specific Prothrombinase Activity, 1857
PON1 genotypes
Paraoxonase1-192 Polymorphism Modulates the Nonfatal Myocardial Infarction Risk Associated With Decreased HDLs, 415
PON3
Human Paraoxonase-3 Is an HDL-Associated Enzyme With Biological Activity Similar to Paraoxonase-1 Protein but Is Not Regulated by Oxidized Lipids, 542
Population-based study
Plasminogen Activator Inhibitor-1 and Relations to Fatty Acid Composition in the Diet and in Serum Cholesterol Esters, 2086
Postmenopausal women
Electron Paramagnetic Resonance Investigation on Modulatory Effect of 17β-Estradiol on Membrane Fluidity of Erythrocytes in Postmenopausal Women, 1306
Postprandial
Metabolic and Lifestyle Determinants of Postprandial Lipemia Differ From Those of Fasting Triglycerides: The Atherosclerosis Risk in Communities (ARIC) Study, 275
Serum C3 but Not Plasma Acylation-Stimulating Protein Is Elevated in Finnish Patients With Familial Combined Hyperlipidemia, 838
Postprandial lipemia
Plasma Acylation Stimulating Protein Concentration and Subcutaneous Adipose Tissue C3 mRNA Expression in Nondiabetic and Type 2 Diabetic Men, 1034
PPARγ
PPARγ and Atherosclerosis: Effects on Cell Growth and Movement, 1891
PPARα-null mice
Fibrates Suppress Bile Acid Synthesis via Peroxisome Proliferator-Activated Receptor-α-Mediated Downregulation of Cholesterol 7α-Hydroxylase and Sterol 27-Hydroxylase Expression, 1840
Pravastatin
Effect of Statins on Bone Mineral Density and Bone Histomorphometry in Rodents, 1636
Preeclampsia
Preeclampsia and Fetal Loss in Women With a History of Venous Thromboembolism, 874
Pregnancy
Preeclampsia and Fetal Loss in Women With a History of Venous Thromboembolism, 874
Prevention
Effect of Oral Postmenopausal Hormone Replacement on Progression of Atherosclerosis: A Randomized, Controlled Trial, 262
Tranilast Inhibits Cardiac Allograft Vasculopathy in Association With $p21^{Waf1/Cip1}$ Expression on Neointimal Cells in Murine Cardiac Transplantation Model, 1172
Prevention of CAD
Does Therapeutic Intervention Achieve Slowing of Progression or Bona Fide Regression of Atherosclerotic Lesions? 183
Primary hepatocytes
Insulin Inhibits the Maturation Phase of VLDL Assembly via a Phosphoinositide 3-Kinase-Mediated Event, 1656
Probucol
Effect of Probucol in Lecithin-Cholesterol Acyltransferase-Deficient Mice: Inhibition of 2 Independent Cellular Cholesterol-Releasing Pathways In Vivo, 394
Procoagulant activity
Platelet Adhesion Enhances the Glycoprotein VI-Dependent Procoagulant Response: Involvement of p38 MAP Kinase and Calpain, 618
Procoagulant Activity on Platelets Adhered to Collagen or Plasma Clot, 628
Progesterone
Progesterone, but Not Medroxyprogesterone, Inhibits Vascular Cell Adhesion Molecule-1 Expression in Human Vascular Endothelial Cells, 243
Progesterone receptors
Progesterone, but Not Medroxyprogesterone, Inhibits Vascular Cell Adhesion Molecule-1 Expression in Human Vascular Endothelial Cells, 243
Progression
Circulating Autoantibodies to Oxidized LDL Correlate With Arterial Accumulation and Depletion of Oxidized LDL in LDL Receptor-Deficient Mice, 95
Natural History and Topographic Pattern of Progression of Coronary Calcification in Symptomatic Patients: An Electron-Beam CT Study, 421
Proliferating cell nuclear antigen
Tranilast Inhibits Cardiac Allograft Vasculopathy in Association With $p21^{Waf1/Cip1}$ Expression on Neointimal Cells in Murine Cardiac Transplantation Model, 1172
Proliferation
Dysregulation of Extracellular Adenosine Levels by Vascular Smooth Muscle Cells From Spontaneously Hypertensive Rats, 249
Overexpression of Allograft Inflammatory Factor-1 Promotes Proliferation of Vascular Smooth Muscle Cells by Cell Cycle Deregulation, 1421
Promoter
Point Mutation (−69 G→A) in the Promoter Region of Cholesteryl Ester Transfer Protein Gene in Japanese Hyperalphalipoproteinemic Subjects, 985
Prorenin
Prorenin Accumulation and Activation in Human Endothelial Cells: Importance of Mannose 6-Phosphate Receptors, 911
Prospective studies
Serum Homocysteine Levels Are Associated With the Development of (Micro)albuminuria: The Hoorn Study, 74
Prostaglandins
Endogenous Nitric Oxide and Prostaglandins Synergistically Counteract Thromboembolism in Arterioles but Not in Venules, 163
Protein kinase B
cAMP Signal Transduction Cascade, a Novel Pathway for the Regulation of Endothelial Nitric Oxide Production in Coronary Blood Vessels, 797
Proteoglycans
Biglycan, a Vascular Proteoglycan, Binds Differently to HDL_2 and HDL_3: Role of ApoE, 129
Lipolysis of LDL by Human Secretory Phospholipase A_2 Induces Particle Fusion and Enhances the Retention of LDL to Human Aortic Proteoglycans, 1053
Prothrombinase
Variation in Human Platelet Glycoprotein VI Content Modulates Glycoprotein VI-Specific Prothrombinase Activity, 1857

Proto-oncogenes
Localization of c-Myb and Induction of Apoptosis by Antisense Oligonucleotide c-*myb* After Angioplasty of Porcine Coronary Arteries, 1727
Pulse pressure
Aortic Pulse Wave Velocity Predicts Cardiovascular Mortality in Subjects >70 Years of Age, 2046
Pyridoxine
Long-Term Homocysteine-Lowering Treatment With Folic Acid Plus Pyridoxine Is Associated With Decreased Blood Pressure but Not With Improved Brachial Artery Endothelium-Dependent Vasodilation or Carotid Artery Stiffness: A 2-Year, Randomized, Placebo-Controlled Trial, 2072

Q

Quantitative trait loci
Genome Scan for Quantitative Trait Loci Linked to High-Density Lipoprotein Cholesterol: The NHLBI Family Heart Study, 1823
Quercetin
Measurement of Copper-Binding Sites on Low Density Lipoprotein, 594

R

Rabbit
Lipoprotein(a) and Atherosclerosis, 1
Rac
NO Modulates Monocyte Chemotactic Protein-1 Expression in Endothelial Cells Under Cyclic Strain, 1941
Race
Prevalence and Correlates of Coronary Calcification in Black and White Young Adults: The Coronary Artery Risk Development in Young Adults (CARDIA) Study, 852
γ-Radiation
Effect of γ-Irradiation and Bone Marrow Transplantation on Atherosclerosis in LDL Receptor-Deficient Mice, 1674
Ral
Small GTP-Binding Protein Ral Modulates Regulated Exocytosis of von Willebrand Factor by Endothelial Cells, 899
Raloxifene
Raloxifene-Mediated Increase in Matrix Metalloproteinase-1 Production by Activated Monocytes, 1265
Randomized, Double-Blind, Placebo-Controlled Study on Effects of Raloxifene and Hormone Replacement Therapy on Plasma NO Concentrations, Endothelin-1 Levels, and Endothelium-Dependent Vasodilation in Postmenopausal Women, 1512
Raman spectroscopy
Raman Spectroscopic Evaluation of the Effects of Diet and Lipid-Lowering Therapy on Atherosclerotic Plaque Development in Mice, 1630
Ras
LDL-Activated p38 in Endothelial Cells Is Mediated by Ras, 1159
Rat aortas
Cysteinyl Leukotrienes Modulate Angiotensin II Constrictor Effects on Aortas From Streptozotocin-Induced Diabetic Rats, 1751
Rats
Fibrates Suppress Bile Acid Synthesis via Peroxisome Proliferator-Activated Receptor-α-Mediated Downregulation of Cholesterol 7α-Hydroxylase and Sterol 27-Hydroxylase Expression, 1840
Reactive oxygen species
CD11b/CD18 Mediates Production of Reactive Oxygen Species by Mouse and Human Macrophages Adherent to Matrixes Containing Oxidized LDL, 1301
Epidermal Growth Factor Receptor Transactivation by Angiotensin II Requires Reactive Oxygen Species in Vascular Smooth Muscle Cells, 489
Increased NAD(P)H Oxidase and Reactive Oxygen Species in Coronary Arteries After Balloon Injury, 739
NO Modulates Monocyte Chemotactic Protein-1 Expression in Endothelial Cells Under Cyclic Strain, 1941
Photodynamic Therapy With Motexafin Lutetium Induces Redox-Sensitive Apoptosis of Vascular Cells, 759
Reactive Oxygen Species Regulate Heat-Shock Protein 70 via the JAK/STAT Pathway, 321
Role of Reactive Oxygen Species in Angiotensin II Signaling: The Plot Thickens, 471
Receptor for advanced glycation end products
Receptor for Advanced Glycation End Products Mediates Inflammation and Enhanced Expression of Tissue Factor in Vasculature of Diabetic Apolipoprotein E-Null Mice, 905
Receptors
Expression of a SR-PSOX, Novel Cell-Surface Scavenger Receptor for Phosphatidylserine and Oxidized LDL in Human Atherosclerotic Lesions, 1796
Oxidized LDL Modulates Bax/Bcl-2 Through the Lectinlike Ox-LDL Receptor-1 in Vascular Smooth Muscle Cells, 955
Regression
Circulating Autoantibodies to Oxidized LDL Correlate With Arterial Accumulation and Depletion of Oxidized LDL in LDL Receptor-Deficient Mice, 95
Rejection
Endothelial Dysfunction and Denudation in Rat Aortic Allografts, 67
Remnants
Effect of Statin Therapy on Remnant Lipoprotein Cholesterol Levels in Patients With Combined Hyperlipidemia, 2026
Remodeling
Adenovirus-Mediated Transfer of Dominant-Negative Rho-Kinase Induces a Regression of Coronary Arteriosclerosis in Pigs In Vivo, 548
Compensatory Enlargement and Stenosis Develop in ApoE$^{-/-}$ and ApoE*3-Leiden Transgenic Mice, 1359
Low Blood Flow After Angioplasty Augments Mechanisms of Restenosis: Inward Vessel Remodeling, Cell Migration, and Activity of Genes Regulating Migration, 208
Renal function
Renal Insufficiency, Vitamin B_{12} Status, and Population Attributable Risk for Mild Hyperhomocysteinemia Among Coronary Artery Disease Patients in the Era of Folic Acid-Fortified Cereal Grain Flour, 849
Renin
Prorenin Accumulation and Activation in Human Endothelial Cells: Importance of Mannose 6-Phosphate Receptors, 911
Resistance arteries
Involvement of Rho-Kinase and the Actin Filament Network in Angiotensin II-Induced Contraction and Extracellular Signal-Regulated Kinase Activity in Intact Rat Mesenteric Resistance Arteries, 1288
Restenosis
Adenosine A_{2A} Receptor Stimulation Reduces Inflammation and Neointimal Growth in a Murine Carotid Ligation Model, 791
Arterial Elastase Activity After Balloon Angioplasty and Effects of Elafin, an Elastase Inhibitor, 1269
Cultured Arterial Smooth Muscle Cells Maintain Distinct Phenotypes When Implanted Into Carotid Artery, 949
Differential Cell Cycle Progression Patterns of Infiltrating Leukocytes and Resident Cells After Balloon Injury of the Rat Carotid Artery, 1948
Elevated Circulating Levels of Monocyte Chemoattractant Protein-1 in Patients With Restenosis After Coronary Angioplasty, 327
Formulation and Delivery Mode Affect Disposition and Activity of Tyrphostin-Loaded Nanoparticles in the Rat Carotid Model, 1434
Insulin-Like Growth Factor Binding Protein-4 Protease Produced by Smooth Muscle Cells Increases in the Coronary Artery After Angioplasty, 335
Low Blood Flow After Angioplasty Augments Mechanisms of Restenosis: Inward Vessel Remodeling, Cell Migration, and Activity of Genes Regulating Migration, 208
Mitogen-Induced p53 Downregulation Precedes Vascular Smooth Muscle Cell Migration From Healthy Tunica Media and Proliferation, 214
Phenotypic Heterogeneity Influences Apoptotic Susceptibility to Retinoic Acid and *cis*-Platinum of Rat Arterial Smooth Muscle Cells In Vitro: Implications for the Evolution of Experimental Intimal Thickening, 1118
Polylysine as a Vehicle for Extracellular Matrix-Targeted Local Drug Delivery, Providing High Accumulation and Long-Term Retention Within the Vascular Wall, 943
Retinoids: New Insight Into Smooth Muscle Cell Growth Inhibition, 724

Retention
Lipolysis of LDL by Human Secretory Phospholipase A_2 Induces Particle Fusion and Enhances the Retention of LDL to Human Aortic Proteoglycans, 1053
Retinoid
Retinoids Inhibit Proliferation of Human Coronary Smooth Muscle Cells by Modulating Cell Cycle Regulators, 746
Retinoids: New Insight Into Smooth Muscle Cell Growth Inhibition, 724
Reverse cholesterol transport
Proatherogenic Role of Elevated CE Transfer From HDL to $VLDL_1$ and Dense LDL in Type 2 Diabetes: Impact of the Degree of Triglyceridemia, 282
Rheology
Population of the Vessel Wall by Leukocytes Binding to P-Selectin in a Model of Disturbed Arterial Flow, 1294
Rho
Adenovirus-Mediated Transfer of Dominant-Negative Rho-Kinase Induces a Regression of Coronary Arteriosclerosis in Pigs In Vivo, 548
Rho-kinase
Adenovirus-Mediated Transfer of Dominant-Negative Rho-Kinase Induces a Regression of Coronary Arteriosclerosis in Pigs In Vivo, 548
Critical Role of Rho-Kinase and MEK/ERK Pathways for Angiotensin II-Induced Plasminogen Activator Inhibitor Type-1 Gene Expression, 868
Involvement of Rho-Kinase and the Actin Filament Network in Angiotensin II-Induced Contraction and Extracellular Signal-Regulated Kinase Activity in Intact Rat Mesenteric Resistance Arteries, 1288
Risk factors
Association of Multiple Risk Factors and Insulin Resistance With Increased Prevalence of Asymptomatic Coronary Artery Disease by an Electron-Beam Computed Tomographic Study, 2051
Cardiovascular Risk Factors Associated With Insulin Resistance Cluster in Families With Early-Onset Coronary Heart Disease, 1346
Prevalence and Correlates of Coronary Calcification in Black and White Young Adults: The Coronary Artery Risk Development in Young Adults (CARDIA) Study, 852
Prospective Study of Fibrinolytic Factors and Incident Coronary Heart Disease: The Atherosclerosis Risk in Communities (ARIC) Study, 611
Tamoxifen and Cardiac Risk Factors in Healthy Women: Suggestion of an Anti-inflammatory Effect, 255
Vascular Outcome in Patients With Homocystinuria due to Cystathionine β-Synthase Deficiency Treated Chronically: A Multicenter Observational Study, 2080
RT competitive PCR
Plasma Acylation Stimulating Protein Concentration and Subcutaneous Adipose Tissue C3 mRNA Expression in Nondiabetic and Type 2 Diabetic Men, 1034

S

S6 kinase
Cell Cycle Protein Expression in Vascular Smooth Muscle Cells In Vitro and In Vivo Is Regulated Through Phosphatidylinositol 3-Kinase and Mammalian Target of Rapamycin, 1152
Scavenger receptor type A
Identification of a γ-Interferon-Responsive Element in the Promoter of the Human Macrophage Scavenger Receptor A Gene, 825
Scavenger receptors
CD11b/CD18 Mediates Production of Reactive Oxygen Species by Mouse and Human Macrophages Adherent to Matrixes Containing Oxidized LDL, 1301
Enzymatically Degraded LDL Preferentially Binds to $CD14^{high}$ $CD16^{+}$ Monocytes and Induces Foam Cell Formation Mediated Only in Part by the Class B Scavenger-Receptor CD36, 1004
Phosphatidylinositol 3-OH Kinase-Akt/Protein Kinase B Pathway Mediates Gas6 Induction of Scavenger Receptor A in Immortalized Human Vascular Smooth Muscle Cell Line, 1592
Senescence
Cellular Senescence After Single and Repeated Balloon Catheter Denudations of Rabbit Carotid Arteries, 220
Serial analysis of gene expression
Identification of Differentially Regulated Genes in Mildly Hyperlipidemic ApoE3-Leiden Mice by Use of Serial Analysis of Gene Expression, 1984
Serum cholesterol esters
Plasminogen Activator Inhibitor-1 and Relations to Fatty Acid Composition in the Diet and in Serum Cholesterol Esters, 2086
Shear stress
Comparative Antiplatelet Efficacy of a Novel, Nonpeptide GPIIb/IIIa Antagonist (XV454) and Abciximab (c7E3) in Flow Models of Thrombosis, 149
Pulsatile Flow Regulates Monocyte Adhesion to Oxidized Lipid-Induced Endothelial Cells, 1770
Shear Stress Decreases Endothelial Cell Tissue Factor Activity by Augmenting Secretion of Tissue Factor Pathway Inhibitor, 157
Upregulatory Expression of Furin and Transforming Growth Factor-β by Fluid Shear Stress in Vascular Endothelial Cells, 785
Signal transduction
Activation of p38 Mitogen-Activated Protein Kinases by Endothelin and Noradrenaline in Small Arteries, Regulation by Calcium Influx and Tyrosine Kinases, and Their Role in Contraction, 1921
Platelet Adhesion Enhances the Glycoprotein VI-Dependent Procoagulant Response: Involvement of p38 MAP Kinase and Calpain, 618
Simvastatin
3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibition Prevents Endothelial NO Synthase Downregulation by Atherogenic Levels of Native LDLs: Balance Between Transcriptional and Posttranscriptional Regulation, 804
Effect of Statins on Bone Mineral Density and Bone Histomorphometry in Rodents, 1636
Postprandial Increase of Complement Component 3 in Normolipidemic Patients With Coronary Artery Disease: Effects of Expanded-Dose Simvastatin, 1526
Simvastatin-niacin therapy
Antioxidant Supplements Block the Response of HDL to Simvastatin-Niacin Therapy in Patients With Coronary Artery Disease and Low HDL, 1320
Sitostanol
Dietary Plant Stanol Esters Reduce VLDL Cholesterol Secretion and Bile Saturation in Apolipoprotein E*3-Leiden Transgenic Mice, 1046
Slew rate
Pulsatile Flow Regulates Monocyte Adhesion to Oxidized Lipid-Induced Endothelial Cells, 1770
Small GTPases
Cytoskeletal Effects of Rho-Like Small Guanine Nucleotide-Binding Proteins in the Vascular System, 300
Smoking
Cadmium Accumulation in Aortas of Smokers, 863
Genetic Contributions to Plasma Total Antioxidant Activity, 1190
Long-Term Smoking Causes Nitroglycerin Resistance in Platelets by Depletion of Intraplatelet Glutathione, 1852
Smooth muscle
HMG-CoA Reductase Inhibitors Prevent Migration of Human Coronary Smooth Muscle Cells Through Suppression of Increase in Oxidative Stress, 937
Mast Cell Chymase Induces Apoptosis of Vascular Smooth Muscle Cells, 516
Regional Differentiation of Desmin, Connexin43, and Connexin45 Expression Patterns in Rat Aortic Smooth Muscle, 355
Thrombin Causes Vascular Endothelial Growth Factor Expression in Vascular Smooth Muscle Cells: Role of Reactive Oxygen Species, 1550
α-Smooth muscle actin
Cultured Arterial Smooth Muscle Cells Maintain Distinct Phenotypes When Implanted Into Carotid Artery, 949
Smooth muscle cell
Acute and Chronic Smooth Muscle Cell Apoptosis After Mechanical Vascular Injury Can Occur Independently of the Fas-Death Pathway, 1733
Carotid Artery Wall Hypertrophy With Age Is Related to Local Systolic Blood Pressure in Healthy Men, 82
Cartilage Oligomeric Matrix Protein (Thrombospondin-5) Is Expressed by Human Vascular Smooth Muscle Cells, 47

Cell Lineages and Tissue Boundaries in Cardiac Arterial and Venous Poles: Developmental Patterns, Animal Models, and Implications for Congenital Vascular Diseases, 312
Decreased Smooth Muscle Cell/Extracellular Matrix Ratio of Media of Femoral Artery in Patients With Atherosclerosis and Hyperhomocysteinemia, 573
HSP47 Expression by Smooth Muscle Cells Is Increased During Arterial Development and Lesion Formation and Is Inhibited by Fibrillar Collagen, 40
Increased Rate of Apoptosis in Intimal Arterial Smooth Muscle Cells Through Endogenous Activation of TNF Receptors, 1909
Injury Induces Dedifferentiation of Smooth Muscle Cells and Increased Matrix-Degrading Metalloproteinase Activity in Human Saphenous Vein, 1146
LR11, a Mosaic LDL Receptor Family Member, Mediates the Uptake of ApoE-Rich Lipoproteins In Vitro, 1501
Mast Cell Chymase Inhibits Smooth Muscle Cell Growth and Collagen Expression In Vitro: Transforming Growth Factor-β1-Dependent and -Independent Effects, 1928
Phosphatidylinositol 3-OH Kinase-Akt/Protein Kinase B Pathway Mediates Gas6 Induction of Scavenger Receptor A in Immortalized Human Vascular Smooth Muscle Cell Line, 1592
Role of Reactive Oxygen Species in Angiotensin II Signaling: The Plot Thickens, 471
Vascular Injury Induces Posttranscriptional Regulation of the Id3 Gene: Cloning of a Novel Id3 Isoform Expressed During Vascular Lesion Formation in Rat and Human Atherosclerosis, 752

Smooth muscle cells, vascular
Human Blood-Derived Macrophages Induce Apoptosis in Human Plaque-Derived Vascular Smooth Muscle Cells by Fas-Ligand/Fas Interactions, 1402

Smooth muscle myosin
Cultured Arterial Smooth Muscle Cells Maintain Distinct Phenotypes When Implanted Into Carotid Artery, 949

Smooth muscle proliferation and differentiation
Retinoids: New Insight Into Smooth Muscle Cell Growth Inhibition, 724

Smoothelin
Injury Induces Dedifferentiation of Smooth Muscle Cells and Increased Matrix-Degrading Metalloproteinase Activity in Human Saphenous Vein, 1146

Sp1
Role of Sp1 in the Induction of p27 Gene Expression in Vascular Smooth Muscle Cells In Vitro and After Balloon Angioplasty, 342

Spectroscopy
Discrimination of Human Coronary Artery Atherosclerotic Lipid-Rich Lesions by Time-Resolved Laser-Induced Fluorescence Spectroscopy, 1244

Squalene
Cholesterol Absorption, Synthesis, and Fecal Output in Postmenopausal Women With and Without Coronary Artery Disease, 1650

Squalene synthetase
In Vivo Anti-Inflammatory Effect of Statins Is Mediated by Nonsterol Mevalonate Products, 1327

STAT
Reactive Oxygen Species Regulate Heat-Shock Protein 70 via the JAK/STAT Pathway, 321

STAT1α
Identification of a γ-Interferon-Responsive Element in the Promoter of the Human Macrophage Scavenger Receptor A Gene, 825

Statins
Boning Up (or Down) on Statins, 1565
Determinants of Variable Response to Statin Treatment in Patients With Refractory Familial Hypercholesterolemia, 832
Effect of Statin Therapy on Remnant Lipoprotein Cholesterol Levels in Patients With Combined Hyperlipidemia, 2026
In Vivo Anti-Inflammatory Effect of Statins Is Mediated by Nonsterol Mevalonate Products, 1327
Statins Inhibit Leukocyte Recruitment: New Evidence for Their Anti-Inflammatory Properties, 1256

Statistics
Genetic Contributions to Plasma Total Antioxidant Activity, 1190

Steatosis
Mice Expressing Only the Mutant APOE3Leiden Gene Show Impaired VLDL Secretion, 1366

Stents
L-Arginine Administration Reduces Neointima Formation After Stent Injury in Rats by a Nitric Oxide-Mediated Mechanism, 1604

Sterol efflux
Sterol Efflux Mediated by Endogenous Macrophage ApoE Expression Is Independent of ABCA1, 2019

Stromelysin-1
Persistence of Atherosclerotic Plaque but Reduced Aneurysm Formation in Mice With Stromelysin-1 (MMP-3) Gene Inactivation, 1440

Superoxide
Enhanced Superoxide Production in Experimental Venous Bypass Graft Intimal Hyperplasia: Role of NAD(P)H Oxidase, 189
NO-Dependent Vasorelaxation Is Impaired After Gene Transfer of Inducible NO Synthase, 1281

Superoxide anion
Elevated Circulating Levels of Monocyte Chemoattractant Protein-1 in Patients With Restenosis After Coronary Angioplasty, 327
Mechanism of Endothelial Dysfunction in Apolipoprotein E-Deficient Mice, 1017
NO or H_2O_2 for Endothelium-Dependent Vasorelaxation: Tetrahydrobiopterin Makes the Difference, 719
Reactive Oxygen Species Mediate Endothelium-Dependent Relaxations in Tetrahydrobiopterin-Deficient Mice, 496
S17834, a New Inhibitor of Cell Adhesion and Atherosclerosis That Targets NADPH Oxidase, 1577

Superoxide anion radical
Extracellular Superoxide Dismutase Deficiency and Atherosclerosis in Mice, 1477

Superoxide dismutase
Extracellular Superoxide Dismutase Deficiency and Atherosclerosis in Mice, 1477
Superoxide Anions and Endothelial Cell Proliferation in Normoglycemia and Hyperglycemia, 195

Survival
Aortic Aneurysm Diameter and Risk of Cardiovascular Mortality, 1203

T

T-cell activation
Interleukin-15 Expression in Atherosclerotic Plaques: An Alternative Pathway for T-Cell Activation in Atherosclerosis? 1208

T cells
Effect of Immune Deficiency on Lipoproteins and Atherosclerosis in Male Apolipoprotein E-Deficient Mice, 1011
LDL Immunization Induces T-Cell-Dependent Antibody Formation and Protection Against Atherosclerosis, 108

Tamoxifen
Tamoxifen and Cardiac Risk Factors in Healthy Women: Suggestion of an Anti-inflammatory Effect, 255

Tangier disease
High Density Lipoproteins and Arteriosclerosis: Role of Cholesterol Efflux and Reverse Cholesterol Transport, 13

Tea
Effect of Acute and Chronic Tea Consumption on Platelet Aggregation in Patients With Coronary Artery Disease, 1084

Th2-type T cells
Linked Chromosome 16q13 Chemokines, Macrophage-Derived Chemokine, Fractalkine, and Thymus- and Activation-Regulated Chemokine, Are Expressed in Human Atherosclerotic Lesions, 923

Thiazolidinedione
PPARγ and Atherosclerosis: Effects on Cell Growth and Movement, 1891
Troglitazone Inhibits Atherosclerosis in Apolipoprotein E-Knockout Mice: Pleiotropic Effects on CD36 Expression and HDL, 372

Thrombin
cAMP Response Element-Binding Protein Mediates Thrombin-Induced Proliferation of Vascular Smooth Muscle Cells, 1764
Neutrophil Enhancement of Fibrin Deposition Under Flow Through Platelet-Dependent and -Independent Mechanisms, 2093

Thrombin Induces Interleukin-6 Expression Through the cAMP Response Element in Vascular Smooth Muscle Cells, 1759
Thrombin Upregulates Tissue Transglutaminase in Endothelial Cells: A Potential Role for Tissue Transglutaminase in Stability of Atherosclerotic Plaque, 1689
Thrombin inhibition
Coagulation Activity and Clinical Outcome in Unstable Coronary Artery Disease, 1059
Thromboembolism pathophysiology
Endogenous Nitric Oxide and Prostaglandins Synergistically Counteract Thromboembolism in Arterioles but Not in Venules, 163
Thrombomodulin
Characterization of a Mouse Model for Thrombomodulin Deficiency, 1531
Thrombomodulin Promoter Mutations, Venous Thrombosis, and Varicose Veins, 445
Thrombosis
Characterization of a Mouse Model for Thrombomodulin Deficiency, 1531
Elevated Factor VIII Levels and the Risk of Thrombosis, 731
In Vivo Magnetic Resonance Imaging of Experimental Thrombosis in a Rabbit Model, 1556
Interactive Effect of *PAI-1* 4G/5G Genotype and Salt Intake on PAI-1 Antigen, 1071
Thrombin Causes Vascular Endothelial Growth Factor Expression in Vascular Smooth Muscle Cells: Role of Reactive Oxygen Species, 1550
Thrombomodulin Promoter Mutations, Venous Thrombosis, and Varicose Veins, 445
Thromboregulation by Endothelial Cells: Significance for Occlusive Vascular Diseases, 178
Thrombosis modifier genes
Characterization of a Mouse Model for Thrombomodulin Deficiency, 1531
Thrombospondin
Cartilage Oligomeric Matrix Protein (Thrombospondin-5) Is Expressed by Human Vascular Smooth Muscle Cells, 47
Thromboxane
Role of Sex Differences and Effects of Endothelial NO Synthase Deficiency in Responses of Carotid Arteries to Serotonin, 523
Thromboxane A_2
Flow-Induced Constriction in Arterioles of Hyperhomocysteinemic Rats Is Due to Impaired Nitric Oxide and Enhanced Thromboxane A_2 Mediation, 233
8-Iso-$PGF_{2\alpha}$ Induces β_2-Integrin-Mediated Rapid Adhesion of Human Polymorphonuclear Neutrophils: A Link Between Oxidative Stress and Ischemia/Reperfusion Injury, 55
Time-resolved laser-induced fluorescence
Discrimination of Human Coronary Artery Atherosclerotic Lipid-Rich Lesions by Time-Resolved Laser-Induced Fluorescence Spectroscopy, 1244
Tissue boundaries
Cell Lineages and Tissue Boundaries in Cardiac Arterial and Venous Poles: Developmental Patterns, Animal Models, and Implications for Congenital Vascular Diseases, 312
Tissue factor
Adrenomedullin Inhibits Angiotensin II-Induced Expression of Tissue Factor and Plasminogen Activator Inhibitor-1 in Cultured Rat Aortic Endothelial Cells, 1078
Shear Stress Decreases Endothelial Cell Tissue Factor Activity by Augmenting Secretion of Tissue Factor Pathway Inhibitor, 157
Tissue factor pathway inhibitor
Shear Stress Decreases Endothelial Cell Tissue Factor Activity by Augmenting Secretion of Tissue Factor Pathway Inhibitor, 157
Tissue inhibitor of metalloproteinase-2
Local Gene Transfer of Tissue Inhibitor of Metalloproteinase-2 Influences Vein Graft Remodeling in a Mouse Model, 1275
Tissue inhibitors of matrix-degrading metalloproteinases
Injury Induces Dedifferentiation of Smooth Muscle Cells and Increased Matrix-Degrading Metalloproteinase Activity in Human Saphenous Vein, 1146
α-Tocopherol
Dietary Cosupplementation With Vitamin E and Coenzyme Q_{10} Inhibits Atherosclerosis in Apolipoprotein E Gene Knockout Mice, 585
Pro-Oxidant Effect of Vitamin E in Cigarette Smokers Consuming a High Polyunsaturated Fat Diet, 1029
Tocopherolquinone
Long-Chain n-3 Fatty Acids Specifically Affect Rat Coagulation Factors Dependent on Vitamin K: Relation to Peroxidative Stress, 459
Total cholesterol
Genome-Wide Linkage Analysis Reveals Evidence of Multiple Regions That Influence Variation in Plasma Lipid and Apolipoprotein Levels Associated With Risk of Coronary Heart Disease, 971
Trait anxiety
Sustained Anxiety and 4-Year Progression of Carotid Atherosclerosis, 136
***trans* Fatty acids**
Replacement of Dietary Saturated Fatty Acids by *Trans* Fatty Acids Lowers Serum HDL Cholesterol and Impairs Endothelial Function in Healthy Men and Women, 1233
Transcription factors
Adenovirus-Mediated Overexpression of Dominant-Negative Mutant of c-Jun Prevents Intercellular Adhesion Molecule-1 Induction by LDL: A Critical Role for Activator Protein-1 in Endothelial Activation, 1414
Transforming growth factor-β
Mast Cell Chymase Inhibits Smooth Muscle Cell Growth and Collagen Expression In Vitro: Transforming Growth Factor-β1-Dependent and -Independent Effects, 1928
Microsatellite Mutation of Type II Transforming Growth Factor-β Receptor Is Rare in Atherosclerotic Plaques, 555
Upregulatory Expression of Furin and Transforming Growth Factor-β by Fluid Shear Stress in Vascular Endothelial Cells, 785
Transforming growth factor-β1
Retroviral Overexpression of Decorin Differentially Affects the Response of Arterial Smooth Muscle Cells to Growth Factors, 777
Transforming Growth Factor-β1 Inhibits Macrophage Cholesteryl Ester Accumulation Induced by Native and Oxidized VLDL Remnants, 2011
Transgenic mice
Antioxidative and Antiatherosclerotic Effects of Human Apolipoprotein A-IV in Apolipoprotein E-Deficient Mice, 1023
Changes in Expression of Antioxidant Enzymes Affect Cell-Mediated LDL Oxidation and Oxidized LDL-Induced Apoptosis in Mouse Aortic Cells, 1131
Characterization of a Mouse Model for Thrombomodulin Deficiency, 1531
Endothelial NO Synthase Overexpression Inhibits Lesion Formation in Mouse Model of Vascular Remodeling, 201
Increased Cholesterol Efflux in Apolipoprotein AI (ApoAI)-Producing Macrophages as a Mechanism for Reduced Atherosclerosis in $ApoAI^{(-/-)}$ Mice, 1790
Macrophage-Specific Expression of Human Lipoprotein Lipase Accelerates Atherosclerosis in Transgenic Apolipoprotein E Knockout Mice but Not in C57BL/6 Mice, 1809
Protection From Obesity in Mice Lacking the VLDL Receptor, 1488
Transgenic rabbits
Lipoprotein(a) and Atherosclerosis, 1
Transgenic Rabbits Expressing Human Apolipoprotein(a) Develop More Extensive Atherosclerotic Lesions in Response to a Cholesterol-Rich Diet, 88
Transglutaminase
Thrombin Upregulates Tissue Transglutaminase in Endothelial Cells: A Potential Role for Tissue Transglutaminase in Stability of Atherosclerotic Plaque, 1689
Transplantation
Tranilast Inhibits Cardiac Allograft Vasculopathy in Association With $p21^{Waf1/Cip1}$ Expression on Neointimal Cells in Murine Cardiac Transplantation Model, 1172
Triacylglycerol
Insulin Inhibits the Maturation Phase of VLDL Assembly via a Phosphoinositide 3-Kinase-Mediated Event, 1656
Triglyceride metabolism
Protection From Obesity in Mice Lacking the VLDL Receptor, 1488
Triglyceride-rich lipoproteins
Accumulation of Triglyceride-Rich Lipoprotein in Subjects With Abdominal Obesity: The Biguanides and the Prevention of the Risk of Obesity (BIGPRO) 1 Study, 407

Triglycerides
Do Total and High Density Lipoprotein Cholesterol and Triglycerides Act Independently in the Prediction of Ischemic Heart Disease?: Ten-Year Follow-Up of Caerphilly and Speedwell Cohorts, 1340
Effects of Endurance Exercise Training on Plasma HDL Cholesterol Levels Depend on Levels of Triglycerides: Evidence From Men of the Health, Risk Factors, Exercise Training and Genetics (HERITAGE) Family Study, 1226
Exercise Prevents the Accumulation of Triglyceride-Rich Lipoproteins and Their Remnants Seen When Chaging to a High-Carbohydrate Diet, 1520
Genetic Control of Coordinated Changes in HDL and LDL Size Phenotypes, 1829
Genome-Wide Linkage Analysis of Lipids in the Hypertension Genetic Epidemiology Network (HyperGEN) Blood Pressure Study, 1969
Lack of Triglyceride-Lowering Properties of Fish Oil in Apolipoprotein E-Deficient Mice, 401
Markedly Elevated Lipid Transfer Inhibitor Protein in Hypercholesterolemic Subjects Is Mitigated by Plasma Triglyceride Levels, 1642
Tumor necrosis factor-α
Function of GATA Transcription Factors in Induction of Endothelial Vascular Cell Adhesion Molecule-1 by Tumor Necrosis Factor-α, 917
Tumor necrosis factor receptor superfamily 14
Tumor Necrosis Factor Receptor Superfamily 14 Is Involved in Atherogenesis by Inducing Proinflammatory Cytokines and Matrix Metalloproteinases, 2004
Type 2 diabetes
Proatherogenic Role of Elevated CE Transfer From HDL to $VLDL_1$ and Dense LDL in Type 2 Diabetes: Impact of the Degree of Triglyceridemia, 282
Type II transforming growth factor-β receptors
Microsatellite Mutation of Type II Transforming Growth Factor-β Receptor Is Rare in Atherosclerotic Plaques, 555
Tyrphostins
Formulation and Delivery Mode Affect Disposition and Activity of Tyrphostin-Loaded Nanoparticles in the Rat Carotid Model, 1434

U

Ubiquinol
Dietary Cosupplementation With Vitamin E and Coenzyme Q_{10} Inhibits Atherosclerosis in Apolipoprotein E Gene Knockout Mice, 585
Ubiquinone
Dietary Cosupplementation With Vitamin E and Coenzyme Q_{10} Inhibits Atherosclerosis in Apolipoprotein E Gene Knockout Mice, 585
Ubiquitin-dependent proteasome degradation
2000 George Lyman Duff Memorial Lecture: Atherosclerosis Is a Liver Disease of the Heart, 887
Ultrasonics
Estrogen Replacement and Brachial Artery Flow-Mediated Vasodilation in Older Women, 1955
Relationship of Periodontal Disease to Carotid Artery Intima-Media Wall Thickness: The Atherosclerosis Risk in Communities (ARIC) Study, 1816
Ultrasonography, interventional
Relationship of Clinical Presentation and Calcification of Culprit Coronary Artery Stenoses, 1618
Unstable angina
Coagulation Activity and Clinical Outcome in Unstable Coronary Artery Disease, 1059
Urinary fragments
Impact of Apolipoprotein(a) on In Vitro Angiogenesis, 433
UV irradiation
Mitogen-Induced p53 Downregulation Precedes Vascular Smooth Muscle Cell Migration From Healthy Tunica Media and Proliferation, 214

V

Vascular calcification
Differential Expression of Bone Matrix Regulatory Proteins in Human Atherosclerotic Plaques, 1998
Vascular cell adhesion molecule-1
Adhesion of Monocytes to Arterial Endothelium and Initiation of Atherosclerosis Are Critically Dependent on Vascular Cell Adhesion Molecule-1 Gene Dosage, 1662
Function of GATA Transcription Factors in Induction of Endothelial Vascular Cell Adhesion Molecule-1 by Tumor Necrosis Factor-α, 917
Progesterone, but Not Medroxyprogesterone, Inhibits Vascular Cell Adhesion Molecule-1 Expression in Human Vascular Endothelial Cells, 243
Vascular Cell Adhesion Molecule-1 Augments Adenovirus-Mediated Gene Transfer, 238
Vascular cells
Photodynamic Therapy With Motexafin Lutetium Induces Redox-Sensitive Apoptosis of Vascular Cells, 759
Vascular compliance
Carotid Artery Wall Hypertrophy With Age Is Related to Local Systolic Blood Pressure in Healthy Men, 82
Vascular development
HSP47 Expression by Smooth Muscle Cells Is Increased During Arterial Development and Lesion Formation and Is Inhibited by Fibrillar Collagen, 40
Vascular disease
Dysregulation of Extracellular Adenosine Levels by Vascular Smooth Muscle Cells From Spontaneously Hypertensive Rats, 249
Mitogen-Induced p53 Downregulation Precedes Vascular Smooth Muscle Cell Migration From Healthy Tunica Media and Proliferation, 214
Molecular Analysis of Apo(a) Fragmentation in Polygenic Hypercholesterolemia: Characterization of a New Plasma Fragment Pattern, 1353
Vascular disorders
Cytoskeletal Effects of Rho-Like Small Guanine Nucleotide-Binding Proteins in the Vascular System, 300
Vascular endothelial cells
Adrenomedullin Inhibits Angiotensin II-Induced Expression of Tissue Factor and Plasminogen Activator Inhibitor-1 in Cultured Rat Aortic Endothelial Cells, 1078
Vascular endothelial growth factor
Chronic Blockade of Endothelin Receptors Improves Ischemia-Induced Angiogenesis in Rat Hindlimbs Through Activation of Vascular Endothelial Growth Factor-NO Pathway, 1598
Oxidized LDL Regulates Vascular Endothelial Growth Factor Expression in Human Macrophages and Endothelial Cells Through Activation of Peroxisome Proliferator-Activated Receptor-γ, 560
VEGF Protects Against Oxidized LDL Toxicity to Endothelial Cells by an Intracellular Glutathione-Dependent Mechanism Through the KDR Receptor, 765
Vascular Endothelial Cell Growth Factor-Driven Endothelial Tube Formation Is Mediated by Vascular Endothelial Cell Growth Factor Receptor-2, a Kinase Insert Domain-Containing Receptor, 1934
Vascular injury
Overexpression of Allograft Inflammatory Factor-1 Promotes Proliferation of Vascular Smooth Muscle Cells by Cell Cycle Deregulation, 1421
Vascular Injury Induces Posttranscriptional Regulation of the Id3 Gene: Cloning of a Novel Id3 Isoform Expressed During Vascular Lesion Formation in Rat and Human Atherosclerosis, 752
Vascular remodeling
Catecholamines Abrogate Antimitogenic Effects of 2-Hydroxyestradiol on Human Aortic Vascular Smooth Muscle Cells, 1745
Differential Cell Cycle Progression Patterns of Infiltrating Leukocytes and Resident Cells After Balloon Injury of the Rat Carotid Artery, 1948
Endothelial NO Synthase Overexpression Inhibits Lesion Formation in Mouse Model of Vascular Remodeling, 201
Vascular smooth muscle
Activation of p38 Mitogen-Activated Protein Kinases by Endothelin and Noradrenaline in Small Arteries, Regulation by Calcium Influx and Tyrosine Kinases, and Their Role in Contraction, 1921
Cell Cycle Protein Expression in Vascular Smooth Muscle Cells In Vitro and In Vivo Is Regulated Through Phosphatidylinositol 3-Kinase and Mammalian Target of Rapamycin, 1152

Enhanced Superoxide Production in Experimental Venous Bypass Graft Intimal Hyperplasia: Role of NAD(P)H Oxidase, 189
Epidermal Growth Factor Receptor Transactivation by Angiotensin II Requires Reactive Oxygen Species in Vascular Smooth Muscle Cells, 489
Pleiotropic Effects of 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibitors, 1712
A Role for an Alternatively Spliced Id3 Isoform in Vascular Lesions? 727

Vascular smooth muscle cell
4-Hydroxynonenal Prevents NO Production in Vascular Smooth Muscle Cells by Inhibiting Nuclear Factor-κB-Dependent Transcriptional Activation of Inducible NO Synthase, 1179
C-Type Natriuretic Peptide Induces Redifferentiation of Vascular Smooth Muscle Cells With Accelerated Reendothelialization, 930
Cellular Senescence After Single and Repeated Balloon Catheter Denudations of Rabbit Carotid Arteries, 220
Critical Role of Rho-Kinase and MEK/ERK Pathways for Angiotensin II-Induced Plasminogen Activator Inhibitor Type-1 Gene Expression, 868
Downregulation of Angiotensin II Type 1 Receptor by Hydrophobic 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibitors in Vascular Smooth Muscle Cells, 1896
Induction of Nuclear Orphan Receptor NGFI-B Gene and Apoptosis in Rat Vascular Smooth Muscle Cells Treated With Pyrrolidinedithiocarbamate, 1738
Overexpression of Allograft Inflammatory Factor-1 Promotes Proliferation of Vascular Smooth Muscle Cells by Cell Cycle Deregulation, 1421
Persistent Activation of Nuclear Factor-κB by Interleukin-1β and Subsequent Inducible NO Synthase Expression Requires Extracellular Signal-Regulated Kinase, 1915
Reactive Oxygen Species Regulate Heat-Shock Protein 70 via the JAK/STAT Pathway, 321
Role of Sp1 in the Induction of p27 Gene Expression in Vascular Smooth Muscle Cells In Vitro and After Balloon Angioplasty, 342
Thrombin Induces Interleukin-6 Expression Through the cAMP Response Element in Vascular Smooth Muscle Cells, 1759

Vasculature
Inducible NO Synthesis in the Vasculature: Molecular Context Defines Physiological Response, 1259

Vasculogenesis
Estrogen and Angiogenesis: A Review, 6

Vasoconstrictors
Activation of p38 Mitogen-Activated Protein Kinases by Endothelin and Noradrenaline in Small Arteries, Regulation by Calcium Influx and Tyrosine Kinases, and Their Role in Contraction, 1921

Vasodilation
Estrogen Replacement and Brachial Artery Flow-Mediated Vasodilation in Older Women, 1955
Pleiotropic Effects of 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibitors, 1712

Vasorelaxation
Endothelial Dysfunction and Denudation in Rat Aortic Allografts, 67
Simvastatin Preserves Coronary Endothelial Function in Hypercholesterolemia in the Absence of Lipid Lowering, 122

Vasospasm
Adenovirus-Mediated Transfer of Dominant-Negative Rho-Kinase Induces a Regression of Coronary Arteriosclerosis in Pigs In Vivo, 548

Vein grafts
Enhanced Superoxide Production in Experimental Venous Bypass Graft Intimal Hyperplasia: Role of NAD(P)H Oxidase, 189
Local Gene Transfer of Tissue Inhibitor of Metalloproteinase-2 Influences Vein Graft Remodeling in a Mouse Model, 1275

Venous thromboembolism
Familial Clustering of High Factor VIII Levels in Patients With Venous Thromboembolism, 289
Preeclampsia and Fetal Loss in Women With a History of Venous Thromboembolism, 874

Very old (>70 years) subjects
Aortic Pulse Wave Velocity Predicts Cardiovascular Mortality in Subjects >70 Years of Age, 2046

Vessel wall injury
Endogenous Nitric Oxide and Prostaglandins Synergistically Counteract Thromboembolism in Arterioles but Not in Venules, 163

Visceral fat
Relationship of Insulin Sensitivity and ApoB Levels to Intraabdominal Fat in Subjects With Familial Combined Hyperlipidemia, 567

Vitamin D
Osteoprotegerin Inhibits Artery Calcification Induced by Warfarin and by Vitamin D, 1610

Vitamin E
Bioavailability of Vitamin E as Function of Food Intake in Healthy Subjects: Effects on Plasma Peroxide-Scavenging Activity and Cholesterol-Oxidation Products, 1617
Is the Emperor Wearing Clothes?: Clinical Trials of Vitamin E and LDL Oxidation Hypothesis, 1261
Long-Chain n-3 Fatty Acids Specifically Affect Rat Coagulation Factors Dependent on Vitamin K: Relation to Peroxidative Stress, 459
Role of Arterial Wall Antioxidant Defense in Beneficial Effects of Exercise on Atherosclerosis in Mice, 1681

VLDL
Lack of Triglyceride-Lowering Properties of Fish Oil in Apolipoprotein E-Deficient Mice, 401
LR11, a Mosaic LDL Receptor Family Member, Mediates the Uptake of ApoE-Rich Lipoproteins In Vitro, 1501
Mice Expressing Only the Mutant APOE3Leiden Gene Show Impaired VLDL Secretion, 1366
Phosphatidylethanolamine Participates in the Stimulation of the Contact System of Coagulation by Very-Low-Density Lipoproteins, 1695

VLDL receptor
Protection From Obesity in Mice Lacking the VLDL Receptor, 1488

von Willebrand factor
Elevated Factor VIII Levels and the Risk of Thrombosis, 731
Small GTP-Binding Protein Ral Modulates Regulated Exocytosis of von Willebrand Factor by Endothelial Cells, 899

W

Wall shear rate
Endogenous Nitric Oxide and Prostaglandins Synergistically Counteract Thromboembolism in Arterioles but Not in Venules, 163

Wall shear stress
Blood Flow Decrease Induces Apoptosis of Endothelial Cells in Previously Dilated Arteries Resulting From Chronic High Blood Flow, 1139

Weibel-Palade bodies
Small GTP-Binding Protein Ral Modulates Regulated Exocytosis of von Willebrand Factor by Endothelial Cells, 899

Weight loss
Energy Restriction and Weight Loss on Very-Low-Fat Diets Reduce C-Reactive Protein Concentrations in Obese, Healthy Women, 968

Whole grain and legume powder
Consumption of Whole Grain and Legume Powder Reduces Insulin Demand, Lipid Peroxidation, and Plasma Homocysteine Concentrations in Patients With Coronary Artery Disease: Randomized Controlled Clinical Trial, 2065

Women
Cholesterol Absorption, Synthesis, and Fecal Output in Postmenopausal Women With and Without Coronary Artery Disease, 1650
Effect of Oral Postmenopausal Hormone Replacement on Progression of Atherosclerosis: A Randomized, Controlled Trial, 262
Estrogen Replacement and Brachial Artery Flow-Mediated Vasodilation in Older Women, 1955
Exercise Prevents the Accumulation of Triglyceride-Rich Lipoproteins and Their Remnants Seen When Chaging to a High-Carbohydrate Diet, 1520

X

XV454, abciximab
Comparative Antiplatelet Efficacy of a Novel, Nonpeptide GPIIb/IIIa Antagonist (XV454) and Abciximab (c7E3) in Flow Models of Thrombosis, 149